



REGOLAMENTO (UE) n. 305/2011
REGULATION (EU) n. 305/2011

REPORT TECNICO
TECHNICAL REPORT

Fabbricante
Manufacturer

Palazzetti Lelio SpA

Marchio commerciale
Trade mark

Palazzetti

Modello
Model

Asia 80

Apparecchio sotto analisi
Appliance under test

Stufe a combustibile solido
Roomheaters fired by solid fuel

Norma di prodotto
Standard product reference

**EN 13240:2001; EN 13240:2001/A2:2004/AC:2006; EN
13240:2001/A2:2004/AC:2007**

Numero del report tecnico
Technical report number

2012022

2012022	Contenuto del report tecnico <i>Content of technical report</i>	
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Sommario

Summary

Il seguente report tecnico è composto dalle seguenti sezioni:

The technical report is composed by the following sections:

Intestazione <i>Heating sheets</i>	HS
Conformità dell'apparecchio <i>Conformity of appliance</i>	CA
Dati riassuntivi <i>Summary data</i>	SD
Storico del report tecnico <i>Technical report history</i>	RH
Note esplicative <i>Special remarks</i>	SR
Requisiti normativi <i>Standard requirements</i>	RN
Rapporto di prova <i>Test report</i>	RP
Dichiarazioni del fabbricante <i>Manufacturer declarations</i>	MD
LVD e EMC <i>LVD and EMC</i>	LE
Fogli allegati <i>Enclosure sheets</i>	ES

2012022	Intestazione Heading sheets	
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Laboratorio notificato / <i>Notified Laboratory</i>	Kiwa Cermet Italia S.p.A.
Numero / <i>Number</i>	NB 0476
Sede legale / <i>Address registred office</i>	Via Cadriano, 23 40057 Granarolo dell'Emilia (BO) - Italy
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Rapporto di prova allegato / <i>Annexed test report</i>	2012022/C-757 2012022/C-845

Fabbricante / <i>Manufacturer</i>	Palazzetti Lelio SpA
Marchio commerciale / <i>Trade mark</i>	Palazzetti
Indirizzo / <i>Address</i>	Via Roveredo, 103 - 33080 Porcia (PN) - IT
Telefono / <i>Telephone no.</i>	+39 0434 922922
E-mail	info@palazzetti.it
Web site	www.palazzetti.it

2012022	Conformità dell'apparecchio <i>Conformity of the appliance</i>	
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San Vendemiano, 21.12.2022

L'apparecchio per il riscaldamento domestico alimentato a ciocchi di legno
The residential space heating appliance fired by wood logs

Modello: Asia 80
Model:
 Marchio commerciale: Palazzetti
Trade mark:
 Immeso sul mercato da: Palazzetti Lelio SpA
Placed on the market by:
 Indirizzo: Via Roveredo, 103 - 33080 Porcia (PN) - IT
Address:

È stato sottoposto alle prove, in carico al laboratorio notificato e in accordo al Regolamento (UE) numero 305/2011 "Prodotti da costruzione", AVCP sistema 3, secondo le seguenti norme:

Has been tested, in conformity to Regulation (EU) number 305/2011 "Construction Products", AVCP system 3, and the task for the notified laboratory, in accordance with:

EN 13240:2001; EN 13240:2001/A2:2004/AC:2006; EN 13240:2001/A2:2004/AC:2007

I risultati delle prove, di competenza del laboratorio notificato, sono riportate nel Rapporto di prova n. 2012022/C-845 e 2012022/C-757 parte integrante del presente Report tecnico.

The results of testing, in charge of the notified laboratory, are reported in the Test report n. 2012022/C-845 and 2012022/C-757, integral part of this Technical report.

Nella Sez. SR sono elencati:

In section SR are listed:

- eventuali famiglie e/o gamme di apparecchi dichiarate dal fabbricante
- *the possible families and/or ranges of appliance declared by the manufacturer*
- eventuali estensioni commerciali e/o commercializzatori (azienda terza che immette sul mercato i prodotti di cui sopra con il proprio nome) dichiarati dal fabbricante.
- *any commercial extensions and / or marketers (third company that places the above products on the market with its own name) declared by the manufacturer*

Conclusioni / *Conclusion*

Sulla base degli esiti dei test effettuati e tenendo conto delle evidenze raccolte, si ritiene che le prestazioni degli apparecchi sopra menzionati soddisfino le caratteristiche essenziali delle norme applicabili armonizzate con il Regolamento CPR.

Based upon the outcomes of the carried out test, and taking in to account the collected evidences, is considered the performance of the above-mentioned appliances, as complying with the essential characteristics of the applicable standards harmonized with the CPR Regulation.


Tecnico di prova / *Test Engineer*

Damiano Dalto

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Sez	CA	Pag	1/1
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2012022	Dati riassuntivi <i>Summary of data</i>	
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Apparecchio <i>Appliance</i>	Asia 80
Configurazione scarico fumi <i>Flue gas configuration</i>	Verticale <i>Vertical</i>
Tipo di apparecchio <i>Appliance kind</i>	A combustione intermittente <i>Intermittent burning</i>
Tipo di combustibile <i>Combustible typology</i>	Ciocchi di legno <i>Wood logs</i>
L'apparecchio può operare a combustione ridotta <i>It is possible to maintain reduced combustion</i>	No <i>No</i>

Potenza termica <i>Heat output</i>		Nominale <i>Nominal</i>
Totale <i>Total</i>	kW	12,4
All'aria <i>To air</i>	kW	12,4
All'acqua <i>To water</i>	kW	-
Rendimento <i>Efficiency</i>	%	86,8

Combustioni <i>Combustion</i>		Nominale <i>Nominal</i>
CO al 13% O ₂ <i>CO to 13% O₂</i>	mg/Nm ³	609
NOx al 13% O ₂ <i>NOx to 13% O₂</i>	mg/Nm ³	98
OGC al 13% O ₂ <i>OGC to 13% O₂</i>	mg/Nm ³	26
Polveri al 13% O ₂ <i>Dust to 13% O₂</i>	mg/Nm ³	14
Temperatura media dei fumi <i>Flue gas temperature</i>	°C	210,1
Tiraggio del camino <i>Chimney draught</i>	Pa	10,2


Consumo orario <i>Hourly consumption</i>	kg/h	3,27
Durata del test <i>Test period</i>	min	45
Pressione di esercizio <i>Operative pressure</i>	bar	-
Consumo elettrico <i>Power electrical consumption</i>	W	Acc. / Ign. - P _N -
		Stand-by - P _R -
Minime distanze dai materiali combustibili <i>Minimum combustible material distance</i>	mm	lato / side (1) 1000 retro / back 50
		lato / side (2) - fondo / ground 0

2012022	Storico del report tecnico <i>Technical report history</i>	
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Storico

History

Data / Date	Num. Progetto / Num. Project	Num. Report / Num. Report	Tecnico di prova / Test Engineer
21.12.2022	PKC0012022	2012022	Damiano Dalto
Misurazione delle emissioni, del rendimento, delle temperature e della potenza. <i>Measurement of emission, performance, temperature and heat power.</i>			

2012022	Note esplicative Special remarks	
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Osservazioni da parte del laboratorio in merito all'apparecchio

Special remarks by the laboratory on the appliance

In conformità alla norma EN 13240:2001; EN 13240:2001/A2:2004/AC:2006; EN 13240:2001/A2:2004/AC:2007, si precisa che il presente report tecnico riguarda la valutazione di conformità degli apparecchi limitatamente ai compiti assegnati al laboratorio notificato dal prospetto ZA.3.:

According to standard EN 13240:2001; EN 13240:2001/A2:2004/AC:2006; EN 13240:2001/A2:2004/AC:2007, is specified that this technical report concerns the conformity evaluation of appliances only for the task for the notified body shown in table ZA.3.:

- | | |
|---|-------------------------------------|
| • Sicurezza antincendio; | • Fire safety; |
| • Emissione dei prodotti della combustione; | • Emission of combustion products; |
| • Temperatura superficiale; | • Surface temperature; |
| • Potenza termica/Rendimento globale; | • Thermal output/Energy efficiency; |
| • Rilascio di sostanze pericolose. | • Release of dangerous substance. |

I dati riportati nel presente report tecnico si riferiscono esclusivamente agli esemplari provati, incluse le eventuali integrazioni richieste dal fabbricante.

The test results in this technical report are exclusively referred to the test samples, included possible integration requested by the manufacturer.

La documentazione inerente le istruzioni d'uso, manutenzione ed installazione del prodotto, è stata allegata al report tecnico con il solo scopo di dare ulteriori informazioni circa le caratteristiche del prodotto e non per la validazione del contenuto della documentazione stessa.

The documentation relating to the operating instructions, maintenance and installation of products, was annexed to the technical report for the sole purpose of giving more informations about the characteristics of the product and not to validate the contents of this documentation.

L'emissione di particolato primario, OGC e NO_x vengono determinati come descritto nella norma UNI CEN/TS 15883:2009.

Emission of primary particles, OGC and NO_x shall be determined using the standard UNI CEN/TS 15883:2009.

L'apparecchio è stato testato con 1000mm di canna fumaria

The appliance has been teste with 1000mm of chimney flue

2012022	Requisiti normativi Standard requirements	
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Fogli di prova per requisiti essenziali in base alla normativa EN 13240:2001/A2:2004/AC:2007

Essential requirements test sheets on standard EN 13240:2001/A2:2004/AC:2007

4.1 Documentazione di produzione / Production documentation

The manufacturer shall state the type of appliance, which he is submitting for test and the laboratory shall test the appliance using the standard appropriate to that claim.	Yes
The parameters and characteristics considered in making the decisions in relation to either the family or range of appliances to be submitted for initial type testing (see 9.2.1) or further type testing where changes are made to an appliance (see 9.2.2) shall be recorded. A copy of the parameters and characteristics considered in making the decisions shall be included in the production documentation for each appliance.	Yes
To identify the appliance, the manufacturer shall have available documents and/or scaled assembly drawings showing the basic design and construction of the appliance. The documentation and/or the drawings shall include at least the following information: - the specification of the materials used in the construction of the appliance; - the nominal heat output in kW using fuels recommended by the manufacturer	Yes
If the appliance is fitted with a boiler then the following additional details shall also be specified: - the welding process used in the manufacture of the boiler shell; <i>NOTE The symbol for the type of weld used is sufficient.</i> - the permissible maximum operating water temperature in °C - the permissible maximum operating pressure in bar; - the type test pressure in bar; - the water heating output in kW.	N.A.

4.2.1 Struttura generale / General Construction

The shape and dimensions of the components and equipment and the method of design and manufacture and if assembled on site the method of assembly and installation, shall ensure that when operated as specified in accordance with the test procedures of this standard and exposed to the associated mechanical, chemical and thermal stresses, the appliance shall operate reliably and safely such that during normal operation no combustion gas posing a hazard can escape into the room in which the appliance is installed nor can embers fall out. Non-combustible materials shall be used, except that it shall be permissible to use combustible materials for the following applications: - components or accessories fitted outside the appliance; - internal components of controls and safety equipment; - operating handles; - electrical equipment.	Yes
No part of the appliance shall comprise any material known to be harmful.	Yes
When fired with solid mineral fuels, the appliance shall have a bottomgrate and an ashpan.	N.A.
Component parts, which require periodic replacement and/or removal shall be either so designed or marked for identification to ensure correct fitting.	Yes
<i>NOTE 1 Because the entire heat dissipating surfaces of the appliance including the flue spigot/socket and the flue gas connector are working surfaces, there is no requirement for limiting the surface temperature of the appliance.</i> <i>NOTE 2 All operations which the user carries out, including loading and emptying of the appliance, adjusting controls and de-ashing should be easy, safe and effective.</i>	Yes

4.2.2 Caldaie integrata / Integral boiler

The boiler shell shall be constructed from cast iron and/or steel and shall be capable of operating at the maximum operating pressure declared by the manufacturer. The integral boiler shall meet the requirements of A.4.7.	N.A.
The materials and dimensions for the integral boiler construction shall be in accordance with the specifications given in Tables 2 to 7. If alternative materials are used, a certificate giving evidence of similar performance is required.	N.A.

2012022	Requisiti normativi Standard requirements	
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Provision shall be made for parts, which form a seal, to be located securely by means of bolts, gaskets or welding to prevent the leakage of air/water or combustion products. Adjacent surfaces between metal components in the firebox or the flueways shall be gastight. Where a seal is made with fire-cement, cement shall be well supported by adjacent metal surfaces.	N.A.
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4.2.2.1 Caldaie in acciaio / Boilers constructed of steel

4.2.2.1.1 Welding and welding materials The materials used shall be suitable for welding. <i>NOTE The materials listed in Table 3, are suitable and do not require any additional heat treatment after welding</i>	Yes
4.2.2.1.2 Nominal minimum wall thicknesses (steel) Boilers constructed of mild steel shall have the appropriate wall thickness set out in Table 2. <i>NOTE 1 The nominal minimum wall thicknesses of Table 2 apply to pressure loaded sheets and tubes other than other than immersion coils, safety heat exchangers.</i> <i>NOTE 2 Thinner wall thicknesses are only permissible with proof of equivalent corrosion resistance, heat resistance and strength.</i> <i>NOTE 3 The nominal minimum wall thicknesses listed in Table 2 have been specified taking into consideration the following parameters:</i> - the permissible maximum water operating pressure (4 bar); - the material properties; - the heat transfer location.	Yes
The tolerances on the nominal minimum wall thicknesses for non-alloyed steels given in Table 2 shall be as specified in EN 10029:1991.	1)

4.2.2.2 Caldaie in ghisa / Boilers constructed of cast iron

4.2.2.2.1 Cast iron parts subject to water pressure The mechanical properties of cast iron used for parts subject to water pressure shall, as a minimum, correspond to the values listed in Table 4.	N.A.
4.2.2.2.2 Minimum wall thicknesses (cast iron) The wall thicknesses of the casting section shall be not less than the minimum thicknesses listed in Table 5.	N.A.

4.2.2.3 Collegamenti al corpo della caldaia / Boiler shell tappings

The threads of boiler shell tappings, for flow and return pipes, shall be not less than the minimum thread size designation given in Table 6.	Yes
Where tapered threads are used, they shall be in accordance with the requirements of ISO 7-1:1994 and ISO 7-2:2000. Where parallel threads are used, they shall be in accordance with ISO 228-1:2000 and ISO 228-2:1987. The design and position of flow tappings shall be such that air will not be retained within the boiler shell.	1)
If boilers are supplied with reducing bushes in horizontal flow tappings, these shall be eccentric and fixed so that the reduced outlet is uppermost.	1)
The minimum depth of tapping or length of thread shall be not less than the minimum values given in Table 7 of EN 13240.	1)
Where a drain socket is provided in the boiler shell, it shall be a minimum thread size designation of ½ and shall be in accordance with ISO 7-1:1994 and ISO 7-2:2000 or ISO 228-1:2000 and ISO 228-2:1987.	1)

4.2.2.4 Circuiti idraulici della caldaia / Boiler waterways

4.2.2.4.1 Design of all boiler waterways The design of the boiler shall ensure a free flow of water through all parts. To minimise the build up of sediments, sharp or wedge-shaped waterways with a taper towards the bottom shall be avoided.	N.A.
Where inspection holes are provided in the boiler to give access for inspection and cleaning of the waterways, they shall be a minimum of 70 mm x 40 mm or have a minimum diameter of 70 mm and be sealed with a gasket and cap.	N.A.
4.2.2.4.2 Boilers waterways used with indirect water systems The minimum internal dimension of waterways throughout the main body of the appliance shall be not less than 20 mm except where waterways have to be locally reduced to facilitate manufacture or are in areas not in direct contact with burning fuel, in these cases the width of the waterways shall not be less than 15 mm.	N.A.

2012022	Requisiti normativi Standard requirements	
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4.2.2.4.3 Boilers waterways used with direct water systems The minimum internal dimension of waterways in boilers designed for direct water systems shall be not less than 25 mm.	Yes
4.2.2.4.4 Venting of the water sections The boiler and its components shall be designed in such a way that their respective water sections can be	Yes
The boiler shall be so designed that under normal operation in accordance with the manufacturer's installation instructions, no undue boiling noises occur	Yes
4.2.2.4.5 Water tightness Holes, for screws and similar components, which are used for the attachment or removal of parts shall not open into waterways or spaces through which water flows. <i>NOTE This does not apply to pockets for measuring, control and safety equipment.</i>	Yes

4.2.3 Pulizia delle superfici di riscaldamento / Cleaning of heating surfaces

All heating surfaces shall be accessible from the flue gas side for inspection and cleaning with brushes, scrapers or chemical agents by means of sufficient cleaning openings.	Yes
Where cleaning and servicing of the boiler and its components require the use of special tools (e.g. special brushes), these shall be supplied by the appliance manufacturer.	N.A.

4.2.4 Collare dei fumi o sezione di scarico / Flue spigot or socket

For horizontal flue connection, the flue spigot/socket shall be designed to allow fitting, internal or external, over a length of at least 40 mm, of a flue gas connector.	N.A.
For vertical flue connection, the fitting shall overlap by at least 25 mm.	Yes
<i>NOTE For inset appliances (made for fireplace recesses) with a vertical chimney flue connection and where the manufacturer's installation instructions specify, in addition to the flue gas connector, that an insulating mortar infill should be added around the connector to seal the appliance to the chimney flue, then in this case it is permissible for the flue spigot/socket overlap to be reduced to a minimum of 6 mm.</i>	Yes

4.2.5 Condotti dei fumi / Flueways

The size of the flueway in its minimum dimension shall be not less than 30 mm except it shall be permissible to reduce it to not less than 15 mm for appliances designed only to burn fuels other than bituminous coals and peat briquettes, and where an access door(s) is provided for cleaning the flueway.	Yes
It shall be possible to clean the flueways of the appliance completely using commercially available tools or brushes, unless special tools or brushes are provided by the appliance manufacturer.	Yes

4.2.6 Cenerario e rimozione cenere / Ashpan and ash removal

A means for the removal of the ash residue from the appliance shall be provided.	Yes
When an ashpan is provided, it shall be capable of containing the combustion residue from two full charges of fuel whilst retaining sufficient space above to allow adequate primary air flow through the bottomgrate or firebed.	Yes
If the ashpan resides in the appliance it shall locate in the ashpit in such a way that it allows the free passage of primary air and in such a position that it does not obstruct any primary air inlet control.	Yes
<i>NOTE 1 The ashpan should be designed and constructed to ensure that:</i> a) it effectively collects the residue from beneath the bottomgrate; b) it can be easily and safely withdrawn, carried and emptied when hot, using the tool(s) provided, without undue spillage of residue material. <i>NOTE 2 The ashpan can be shovel shaped.</i>	Yes

4.2.7 Griglia portafuoco / Bottomgrate

Where the bottomgrate is removable it shall be so designed or marked as to ensure correct fitting.	Yes
If a de-ashing mechanism is fitted it shall be capable of effectively de-ashing the fuelbed.	N.A.
<i>NOTE 1 The preferred design with the firedoor(s) and ashpit door(s) closed should allow de-ashing to be carried out. The de-ashing should be possible without undue effort.</i> <i>NOTE 2 If it is necessary to remove the ashpit door to de-ash the fire, the appliance should be designed to minimise ash or fuel spillage during the de-ashing operation</i>	Yes

2012022	Requisiti normativi Standard requirements	
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4.2.8 Alimentazione aria di combustione / Combustion air supply

4.2.8.1 Primary air inlet control

The appliance shall be fitted with either a thermostatically controlled primary air inlet control or a manual primary air inlet control.

For appliances with boiler, a manual primary air inlet control shall only be allowed for boiler outputs up to 7,5 kW.

The adjusting control shall be clearly visible or shall be permanently marked so that its operation is readily understandable.

The design shall be such that during operation of the appliance, neither ash nor unburned fuel can prevent the movement or closure of the air inlet control.

The 'cold' setting of the primary air inlet control shall be clearly marked and the method of adjustment shall be described in the user instructions.

The thermostat shall have a variable temperature range and be of the immersion or dry pocket type. The pocket shall be positioned so that the thermostat senses the temperature of the flow water from the appliance.

4.2.8.2 Secondary air inlet control

Where a secondary air inlet control is provided the position of air entry shall be so designed that the passage of air is not restricted when the firebox is filled to the manufacturer's recommended capacity.

4.2.9 Controllo del gas di combustione / Control of flue gas

If a flue damper is fitted it shall be of a type, which does not block the flue totally. The damper shall be easy to operate and incorporate an aperture within the blade, which in a continuous area occupies at least 20 cm² or 3 % of the cross-sectional area of the blade if this is greater.

The position of the damper shall be recognizable from the setting of the device.

If a draught regulator is fitted the minimum cross sectional area requirement shall not be applicable but the device shall be easily accessible for cleaning.

4.2.10 Portelli e porte di carico / Firedoors and charging doors

When the appliance is equipped with a charging door, that door shall be large enough to allow the appliance to be filled with the commercial fuels recommended by the manufacturer. Firedoors and charging doors shall be designed to prevent accidental opening and to facilitate positive closure

4.2.11 Dispositivo di bypass gas / Flue bypass device

Any flue bypass device shall be easily operable. The extreme positions corresponding to full opening and closing shall be stable and easily identifiable.

4.2.12 Barre frontali e/o piastra di abbassamento / Front firebars and/or deepening plate

Front firebars shall be designed to retain the fuel or ash such that there is no undue spillage of ash or burning fuel from the roomheater during normal operations, particularly during refuelling or de-ashing.

If the appliance is fitted with removable front firebars and/or deepening plate, they shall be of a design such that they can neither be incorrectly fitted nor accidentally dislodged.

4.2.13 Apparecchi alimentati a combustibile minerale solido e torba

Solid mineral fuel and peat briquettes burning appliances

When the recommended fuels are solid mineral fuel and peat briquettes, the appliances shall have a bottomgrate and an ashpan.

5 Sicurezza / Safety requirements

5.1 Tiraggio naturale / Natural draught

Where the appliance manufacturer claims that a continuous burning appliance can be connected to a chimney serving more than one appliance, and can be operated with solid mineral fuel and peat briquettes as suitable fuels, then when tested in accordance with A.4.9.3 either the flue draught throughout the test period shall be not less than 3 Pa or where the flue draught falls below 3 Pa then over a further 10 h period from when the draught falls below 3 Pa the total quantity of carbon monoxide in the flue gas, calculated to NTP as detailed in A.6.2.8 shall not be greater than 250 dm³.

2012022	Requisiti normativi Standard requirements	
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5.2 Funzionamento con porte del focolaio aperto / Operation with open firedoors

The operation of an appliance with an open firebox shall only be permitted when: - any escape of harmful combustion gases, and - any loss of the firebed from the appliance, does not occur under the test conditions described in section A.4.9.1.	N.A.
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5.3 Resistenza a tenuta dei corpi caldaia / Strength and leaktightness of boiler shells

The boiler shell and its water carrying components shall not leak or become permanently deformed when subjected to the type pressure test described in A.4.9.4 and during the nominal heat output test described in A.4.7.	N.A.
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5.4 Innalzamento di temperatura nel contenitore integrato di accumulo del combustibile (oltre all'alimentatore del combustibile)

Temperature rise in the fuel storage container (other than the fuel hopper)

When tested in accordance with A.4.7 and A.4.9, the temperatures measured in the fuel storage container shall not exceed the ambient room temperature by more than 65 K.	No
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5.5 Innalzamento di temperature degli attrezzi di funzionamento

Temperature rise of the operating components

<p>If the manipulation of the operating components does not require the assistance of tools, the surface temperatures, measured only in the areas to be touched, shall not exceed the ambient room temperature by more than the following when tested in accordance with A.4.7:</p> <ul style="list-style-type: none"> - 35 K for metal; - 45 K for porcelain, vitreous enamel or similar materials; - 60 K for plastics, rubber or wood <p>If these temperatures are exceeded, the manufacturer shall indicate in the instructions the need to use an operating tool. This tool shall be supplied with the appliance.</p> <p>NOTE A suitable glove is regarded as a tool.</p>	Vedi test report See test report
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5.6 Temperatura dei materiali combustibili adiacenti

Temperatures of adjacent combustible materials

When tested in accordance with A.4.7 and A.4.9, and when the appliance is installed according to the manufacturer's installation instructions, the temperature of the trihedron hearth and walls or other structure surrounding the appliance e.g. ceiling comprising combustible material shall not exceed the ambient room temperature by more than 65 K.	Yes
If the temperature of the surrounding walls and/or of the floor exceeds the ambient temperature by more than 65 K, the manufacturer shall provide the necessary information for insulating the walls and/or floor or indicate the clearance distance required.	N.A.

5.7 Valvola di scarico termico / Thermal discharge control

For appliances fitted with a boiler designed to operate on a sealed system and where a thermal discharge control is fitted as part of the appliance, when tested in accordance with A.4.9.5, the control shall operate when the water flow temperature exceeds either 105°C or the manufacturer's declared operating temperature, whichever is the lower.	N.A.
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5.7 Sicurezza elettrica / Electrical safety

The appliance shall comply with the electrical safety requirements of EN 50165 if mains operated electrical equipment is fitted as part of the appliance	N.A.
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6 Requisiti di prestazione / Performance requirements

6.1 Temperatura fumi / Flue gas temperature

When tested in accordance with A.4.7, the flue gas temperature shall be measured and the mean calculated and recorded in the installation instructions.	Yes
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2012022	Requisiti normativi Standard requirements	
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6.2 Emissione di monossido di carbonio / Carbon monoxide emission

When tested in accordance with A.4.7, the mean carbon monoxide contents of the dry combustion gases shall be less than one of the values specified in Table 8, these values being related to 13 % oxygen content in the flue gases.	Yes
<i>NOTE In some countries national laws also require limits for particulate and organic compound emissions, emissions under slow combustion conditions and for weighed values for emissions to be used. In some countries clean air legislation is based on the use of authorised fuels.</i>	Yes

6.3 Rendimento / Efficiency

When tested in accordance with A.4.7, the average thermal efficiency calculated from the mean of at least two separate test results at nominal heat output shall meet the limit values for the appropriate efficiency class for the appliance as given in Table 9.	Yes
<i>NOTE In some countries national laws require limits for minimum efficiency under slow combustion conditions and for weighted values for efficiency to be used.</i>	Yes

6.4 Tiraggio / Flue draught

The flue draught values, related to the appliance's nominal heat output, given in Figure 1 shall be taken as the values for the static pressure to be applied in the measurement section when undertaking the nominal heat output test in accordance with A.4.7, the slow combustion and reduced combustion test in accordance with A.4.8, and the safety test in accordance with A.4.9.	Yes
Where the flue draught values given in Figure 1 need to be exceeded in order to obtain the manufacturer's declared nominal output, the required flue draught shall be clearly stated in the appliance's installation instructions.	N.A.
When undertaking the nominal heat output test in accordance with A.4.7 the flue static pressure shall be kept within ± 2 Pa of the specified value.	Yes
For the slow combustion or reduced combustion test in accordance with A.4.8 the static pressure shall be kept within ± 1 Pa of the specified value.	N.A.
For the temperature safety test in accordance with A.4.9 the appliance shall be tested at a flue draught 3 Pa greater than that used during the nominal heat output test and the static pressure shall be kept within $+2 -0$ Pa of this specified value.	Yes

6.5 Riaccensione / Recovery

At the conclusion of the slow combustion or reduced combustion test periods described in A.4.8, it shall be possible to satisfactorily revive the fire.	N.A.
Recovery shall be deemed to be satisfactory if the refuel charge is visibly ignited under the test conditions described in A.4.8.4 within a time of 20 minutes.	N.A.

6.6 Intervalli di ricarica / Refuelling intervals

When tested in accordance with A.4, and when the appliances is operated with closed doors, the minimum times for maintenance of combustion with one added test load of fuel shall be not less than the values given in Table 10 as appropriate to the appliance type and/or the test fuel used.	Yes
Where the refuelling interval declared by the manufacturer is greater than the minimum refuelling interval given in Table 10, or where the manufacturer states a refuelling interval for appliances under reduced combustion conditions, then the manufacturer's declared value shall be verified when tested during the tests in accordance with A.4.7 and A.4.8.	N.A.
The nominal, slow and reduced test loads shall be the same. The nominal load shall be calculated using the refuelling intervals, the manufacturer's declared efficiencies and the calorific values of the fuels as detailed in A.4.2. The slope formed by the test load shall not obstruct, even partially, any flue.	N.A.

2012022	Requisiti normativi Standard requirements	
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6.7 Potenza termica utile resa all'ambiente / Space heating output

The space heating output declared by the manufacturer shall not exceed the space heating output measured in accordance with A.4.7.	Yes
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6.8 Potenza termica utile resa all'acqua / Water heating output

The water heating output declared by the manufacturer shall not exceed that measured under the conditions described in A.4.7.	N.A.
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7.1 Generale / General

Instructions written in the language of the country of intended destination shall accompany the appliance and shall describe the installation, operation, maintenance and, if assembled on site, the assembly of the appliance. The instructions shall not be in contradiction to the requirements or test results in accordance with this standard.	1)
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7.2 Istruzioni per l'installazione / Installation instructions

<p>The installation instructions shall contain at least the following information:</p> <ul style="list-style-type: none"> - a statement to the fact that "all local regulations, including those referring to national and European standards need to be complied with when installing the appliance"; - the type (model or number) of the appliance; - the nominal heat output(s) in kW or W; - the space heating output in kW or W; - the water heating output in kW or W; - the maximum operating water pressure in bar, where applicable; - the safety clearances against combustible materials, and the other protective measures that shall be taken to protect the building construction; - the requirements for the supply of combustion air, for the simultaneous operation with other appliances and for the operation of exhaust air devices; <p><i>NOTE</i> Extractor fans when operating in the same room or space as the appliance, may cause problems.</p> <ul style="list-style-type: none"> - the need of any air inlet grilles to be so positioned that they are not liable to blockage; - the mass of the appliance in kg; - the minimum flue draught for nominal heat output, (where applicable, with open and closed firedoors); - flue gas mass flow in g/s, where applicable, with open or closed firedoor operations as specified by the manufacturer, (or alternatively the nominal heat output and the appliance efficiency and mean CO₂ concentration when operating at nominal heat output should be given for all test fuel types); - whether the appliance is suitable for installation in a shared flue system; - the flue gas temperature directly downstream of the flue spigot/socket in °C, (with closed firedoors), under nominal heat output conditions - the inset of roomheaters: in all cases the minimum dimensions of the required builder's opening and/or firefront opening in the surround; - the floors: the appliance shall be installed on floors with an adequate load-bearing capacity. If an existing construction doesn't meet this prerequisite, suitable measures (e.g. load distributing plate) shall be taken to achieve it; - the assembly of the appliance on-site, if applicable; - advice on the need to provide access for cleaning the appliance, the flue gas connector and the chimney flue; - the installation of the damper device, if applicable; - the water content and instructions for fitting a drain-cock in the lowest part of the system (where applicable); - the setting of temperature controller and method of adjusting the "cold" setting distance; - advice on a means of dissipating excess heat from the boiler, such as using a "heat leak" radiator. <ul style="list-style-type: none"> - advice on the installation of any air grilles, especially in relation to the temperature of A482 surrounding walls, floor, ceiling or other structure around the appliance. 	1)
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2012022	Requisiti normativi Standard requirements	
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7.3 Istruzioni di funzionamento per l'utente / User operating instructions

Each appliance shall be accompanied by instructions in the language of the country in which it is to be operated, containing all important details regarding the operation for the concerned appliance.

The operating instructions shall contain at least the following information:

- a statement to the fact that "all local regulations, including those referring to national and European standards need to be complied with when installing the appliance";
- a list of the recommended fuels including type and size in accordance with this standard;
- details of the method of refuelling and de-ashing the appliance and the maximum filling height in the firebox and typical refuelling intervals at nominal heat output for various recommended fuels;
- a description of the correct instructions for safe and efficient operation of the appliance including the ignition procedure;
- advice against the use of the appliance as an incinerator and the use of unsuitable and non recommended fuels, including advice against the use of liquid fuels;
- the operation of all adjusting devices, dampers and controls;
- ventilation requirements for simultaneous operation with other heating appliances (where applicable);
- the correct operations for seasonal use and under adverse flue draught or adverse weather conditions;
- advice on the need for regular maintenance by a competent engineer;
- instructions on how to achieve slow combustion;
- a warning that the firebox and ashpit cover shall be kept closed except during ignition, refuelling and removal of residue material to prevent fume spillage, unless the appliance is intended to be operated with open firebox;
- operation with open firebox, where applicable;
- operation of the thermal discharge control, where applicable;
- the need for regular cleaning of the appliance, of the flue gas connector and the chimney flue and highlighting the need to check for blockage prior to re-lighting after a prolonged shut down period;
- advice on the adequate provision of combustion and ventilation air and on keeping air intake grilles supplying combustion air, free from blockage;
- instructions on simple fault finding and the procedure for the safe shut down of the appliance in event of malfunction e.g. overheating, interruption of water supply;
- warning that parts of the appliance, especially the external surfaces, will be hot to touch when in operation and due care will need to be taken;
- the means of protection against risk of fire in and outside the heat radiation area;
- warning against any unauthorised modification of the appliance;
- use of only replacement parts recommended by the manufacturer;
- advice about the actions to be taken in the event of a chimney fire;
- whether the appliance is suitable for installation in a shared flue system;
- advice on whether the appliance is capable of continuous or intermittent operation and instructions on how this is achieved.
- advice on the adjustment of any air grilles, where fitted

1)

8 Istruzioni di funzionamento per l'utente / *User operating instructions*

<p>Each appliance shall be permanently and legibly marked, with the minimum following information, in a place where it is accessible so that the information can be read when the appliance is in its final location:</p> <ul style="list-style-type: none"> - the manufacturer's name or registered trade mark; - the type or the model; - the nominal output in kW or W, or range (if more than one fuel) of heat outputs listed in the form: 'from ... (lowest) kW to ... (highest) kW'; - the space heating output in kW or W; - the water heating output in kW or W; - the standard number: EN 13240; - the mean carbon monoxide concentration calculated to 13% oxygen; - the determined appliance efficiency at nominal heat output, as defined in Sections 6.3 and 6.4 of the Standard - the maximum water operating pressure (if applicable), in bar; - the instruction "follow the user's instructions"; - the minimum clearance distances from combustible materials, in mm, as appropriate; - whether or not the appliance can be used in a shared flue; - the words "use only recommended fuels"; - whether the appliance is capable of continuous or intermittent operation. 	1)
<p>If a label is used it shall be durable and abrasion proof. Under normal operating conditions, the label shall not discolour, thus making the information difficult to read. Self-adhesive labels shall not become detached as a result of moisture or temperature.</p>	1)

Legenda: / *Caption:*

Yes	Conforme / <i>In accordance with</i>
No	Non conforme / <i>Not in accordance with</i>
N.A.	Non applicabile / <i>Not applicable</i>
N.T.	Non testato / <i>Not tested</i>
1)	In accordo all'auto dichiarazione del fabbricante / <i>According to the manufacturers's declaration.</i>
2)	A carico del fabbricante / <i>Task by manufacturer</i>

2012022	Rapporto di prova <i>Test report</i>	
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Rapporto di prova

Test report

I rapporti di prova n. 2012022/C-845 e 2012022/C-757 del 21.12.2022 emessi da Kiwa Cermet Italia S.p.A., sono parte integrante e sostanziale del presente report tecnico. Una sintesi dei risultati desunti da tali rapporti di prova è riportata nella Sez SD.

The test reports issued by Kiwa Cermet Italia S.p.A., n. 2012022/C-845 and 2012022/C-757 of 21.12.2022, are an integral and essential part of the technical report. A summary of the results derived from this test reports are reported in the Sez SD.

2012022	Dichiarazioni del fabbricante <i>Manufacturer declarations</i>	
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Dichiarazioni del fabbricante

Manufacturer declarations

Dichiarazioni finalizzate alla prova di tipo
Declaration for type testing

Pag. 4

DICHIARAZIONE FINALIZZATA ALLA PROVA DI TIPO: INFORMAZIONI
DECLARATION FOR TYPE TESTING: LABELS AND INFORMATION

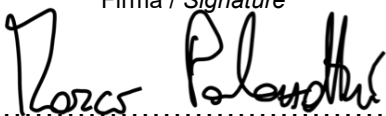
Il sottoscritto: *Marco Palazzetti*
The undersigned:
nella funzione di: *CEO*
in quality of (position in the company):
dell'azienda: *Palazzetti Lelio Spa*
of the company:
con sede in: *Via Roveredo 103 – 33080 Porcia (PN) - IT*
located in:
per quanto riguarda il (i) tipo (i) di apparecchi: *Apparecchio alimentato a ciocchi di legno*
concerning the appliance/s type:
marchio commerciale: *Palazzetti*
trade mark:
modello (i): *Asia 80*
model/s :

dichiara che:
declares that:

- a) le istruzioni per l'installazione e l'uso, la targhetta delle caratteristiche e le scritte sugli imballaggi:
contengono tutte le informazioni richieste dalle Norme specifiche del/i tipo/i di apparecchi di cui sopra;
the instructions for the installation and for the use, the data-plate and the packaging labels:
contain all the information requested by the specific Standards for the above-mentioned type/types of
appliance/appliances;
- b) sono redatte con osservanza delle Norme nazionali e locali per l'installazione, vigenti nel relativo paese di destinazione;
are drawn-up in compliance with national and local Standards concerning the installation of this type of
appliances; valid in the related destination Countries
- c) sono tradotte nella/e lingua/e ufficiale/i del paese di destinazione.
are translated into the official language/languages of the destination Country/Countries
- d) I documenti relative agli apparecchi testati (depliant, ecc.) non contengono informazioni in contrasto con quelle riportate dal manuale di istruzioni, come prescritto dalla norma.
the documents relating to the test appliances (brochures, etc.) contain no information in contrast with that
given in the instruction booklet, as provided for by the standard.

19/12/2022

Firma / Signature



PALAZZETTI
IL CALORE CHE PIACE ALLA NATURA

PALAZZETTI
in giardino

ROYAL
L'ESCLUSIVITÀ DEL CALORE

DICHIARAZIONE FINALIZZATA ALLA PROVA DI TIPO: MATERIALI
DECLARATION FOR TYPE TESTING: MATERIALS

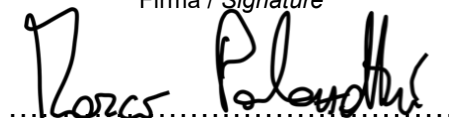
Il sottoscritto: *Marco Palazzetti*
The undersigned:
nella funzione di: *CEO*
in quality of (position in the company):
dell'azienda: *Palazzetti Lelio Spa*
of the company:
con sede in: *Via Roveredo 103 – 33080 Porcia (PN) - IT*
located in:
per quanto riguarda il (i) tipo (i) di apparecchi: *Apparecchio alimentato a ciocchi di legno*
concerning the appliance/s type:
marchio commerciale: *Palazzetti*
trade mark:
modello (i): *Asia 80*
model/s :

dichiara che:
declares that:

- a) i materiali utilizzati per la costruzione di questi apparecchi sono stati selezionati in modo tale da garantire la sicurezza ed il buon funzionamento degli stessi e che sono in grado di resistere agli agenti chimici, alle sollecitazioni meccaniche e termiche alle quali potranno essere sottoposti nel corso della durata stimata della loro vita, nel pieno rispetto delle norme applicabili;
the materials being utilized for the manufacture of aforesaid appliances have been selected as to grantee the safety and the proper performance of the same and that such materials can stand chemical agent, mechanical and thermal stresses they could undergo during their life time, complying to applicable standards;
- b) Tutti i nostri apparecchi vengono realizzati con materiali esenti da amianto o suoi derivati.
all our products are assembled with materials without asbestos or its derivates
- c) non è stato utilizzato cadmio nel processo produttivo;
cadmium have not been utilized;
- d) i materiali utilizzati per la fabbricazione di questi apparecchi, che possono venire a contatto con alimenti e/o dell'acqua ad uso sanitario, sono stati selezionati in modo tale da garantire che la qualità degli alimenti e/o dell'acqua ad uso sanitario, non siano mai alterati;
any materials which could get in touch with food and and/or water for sanitary use, have been selected so as to grantee the food and/or sanitary water quality should never be altered;
- e) l'apparecchio, fornito per le prove, è rappresentativo della produzione.
the supplied appliance is representative of production.
- f) La sezione del canale da fumo nella sua dimensione minima e gli spessori delle pareti in acciaio e (se applicabile) dei tubi sottoposti alla pressione dell'acqua sono conformi alla norma prevista per questo apparecchio.
The size of the flueway in its minimum dimension and the nominal minimum wall thickness of steel sheets and (if applicable) tubes subject to water pressure are in accordance with the standard for this appliance
- g) gli apparecchi in oggetto soddisfano eventuali ulteriori requisiti riportati nelle Norme specifiche.
the aforesaid appliances meet any possible further requirements being provided by the relevant Standards.

19/12/2022

Firma / Signature



DICHIARAZIONE FINALIZZATA ALLA PROVA DI TIPO: CARATTERISTICHE APPARECCHIO
DECLARATION FOR TYPE TESTING: APPLIANCE CHARACTERISTICS

Il sottoscritto: *Marco Palazzetti*
The undersigned:
 nella funzione di: *CEO*
in quality of (position in the company):
 dell'azienda: *Palazzetti Lelio Spa*
of the company:
 con sede in: *Via Roveredo 103 – 33080 Porcia (PN) - IT*
located in:
 per quanto riguarda il (i) tipo (i) di apparecchi: *Apparecchio alimentato a ciocchi di legno*
concerning the appliance/s type:
 marchio commerciale: *Palazzetti*
trade mark:
 modello (i): *Asia 80*
model/s :

dichiara che:
declares that:

rientra nello scopo e campo di applicazione della seguente norma: *EN 13240*
referred to the purpose and scope of the following standard:

Valori di potenza dichiarati			Par. di rif.		
		Totale	All' acqua	All'ambiente	
Potenza termica nominale	kW	12,4	-	12,4	6.7
Valori di combustione		Potenza Nominale			
Rendimento	%		86,8		6.3
Emissioni di CO al 13% di O2	%		0,05		6.2
Massima pressione di esercizio	bar		-		4.0
Tiraggio	Pa		10		6.4
Intervallo di ricarica	min		45		6.6
Distanza da materiali infiammabili					
-Lato	mm	-1000			5.6
-Retro		-50			
-Fondo		-N.A.			
Combustibile raccomandato					
		Ciocchi di legno		3x250 [mm]	
Corredo apparecchiatura					
Elencare gli attrezzi di funzionamento e/o pulizia forniti		Manofredda; tubo			5.5
N/A: non applicabile					

N/A: non applicabile

19/12/2022

Firma / Signature

Marco Palazzetti

DICHIARAZIONE FINALIZZATA ALLA PROVA DI TIPO: CLASSIFICAZIONE APPARECCHIO
DECLARATION FOR TYPE TESTING: CLASSIFICATION OF APPLIANCE

Il sottoscritto: *Marco Palazzetti*
The undersigned:
 nella funzione di: *CEO*
in quality of (position in the company):
 dell'azienda: *Palazzetti Lelio Spa*
of the company:
 con sede in: *Via Roveredo 103 – 33080 Porcia (PN) - IT*
located in:
 per quanto riguarda il (i) tipo (i) di apparecchi: *Apparecchio alimentato a ciocchi di legno*
concerning the appliance/s type:
 marchio commerciale: *Palazzetti*
trade mark:
 modello (i): *Asia 80*
model/s :

dichiara che:
declaresthat:

La classificazione dell'apparecchio rispetto alla EN 16510-1:2016 è di tipo:
The classification of the appliance relative to EN 16510-1:2016 is the type:

Type B	Type BE	Type BF	Type CA	Type CM	Type CC	Type CM50	Type CC50
	x						

19/12/2022

Firma / Signature

Marco Palazzetti

2012022	LVD e EMC LVD e EMC	
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Informazioni in merito alla conformità dell'apparecchio alle normative di riferimento su LVD e EMC

Information concerning the appliance complies with the reference standards of LVD and EMC

a) In accordo all'allegato ZA della norma tecnica utilizzata, la valutazione della conformità dei seguenti aspetti, quando applicabili:

- Sicurezza Elettrica, con riferimento anche alla Direttiva 2014/35/CE;
- Compatibilità Elettromagnetica, con riferimento anche alla Direttiva 2014/30/CE

sono a carico del fabbricante, il quale dovrà tenerne conto al fine della redazione dell' attestato di conformità e della Dichiarazione di Prestazione (DOP) ai sensi del regolamento (UE) 305/2011

a) According to Annex ZA of the technical standard used, the assessment of conformity of the following matters, when applicable:

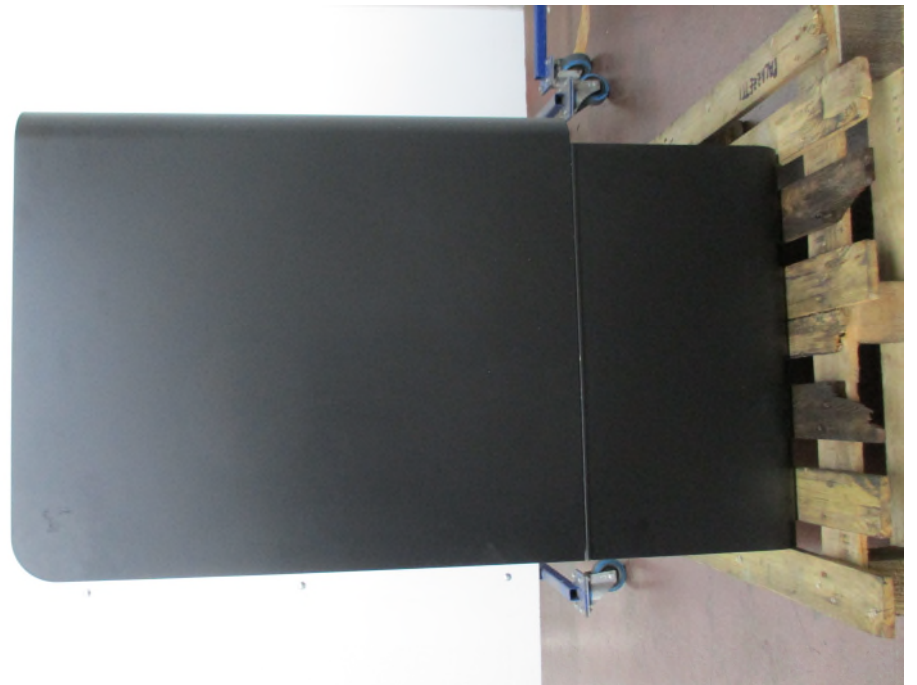
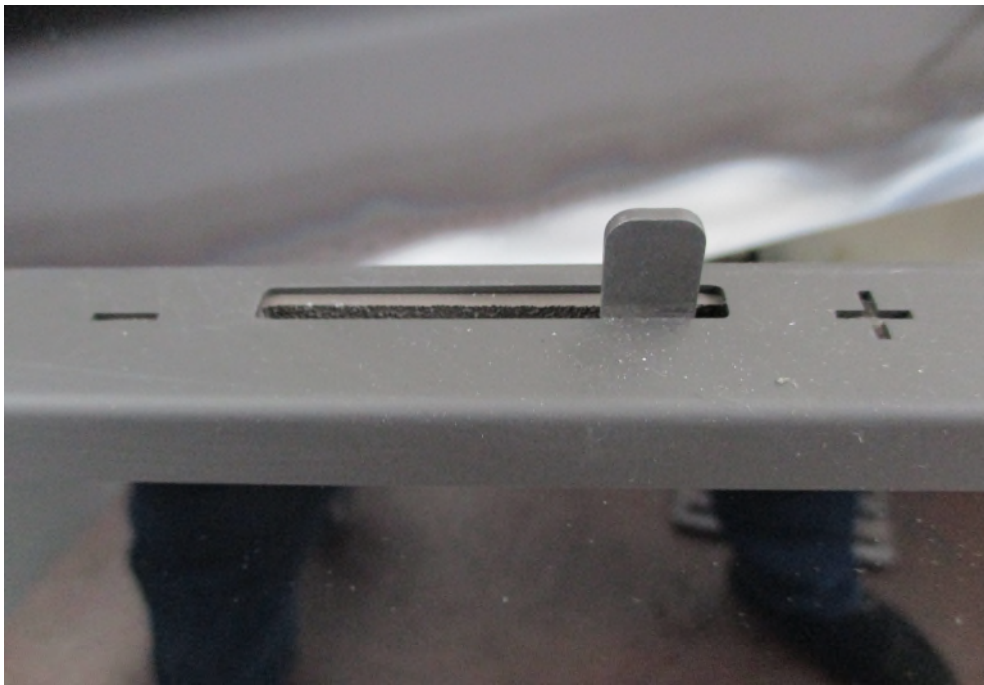
- *Electrical Safety, also with reference to Directive 2014/35/EC;*
- *EMC, also with reference to Directive 2014/30/EC*

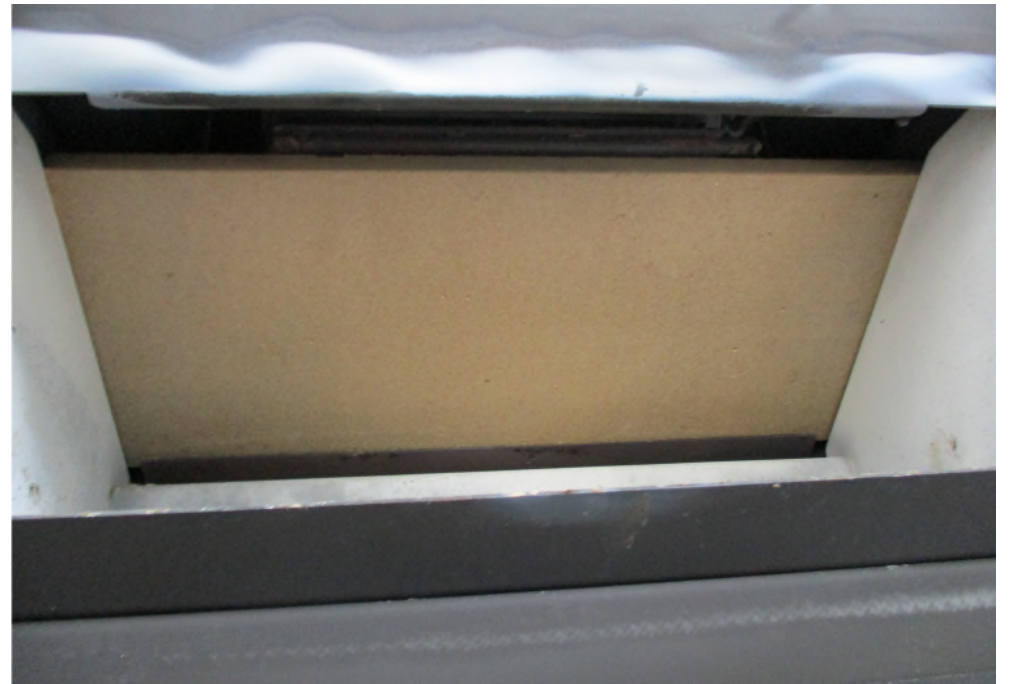
are task for the manufacturer, which must be taken into account for the issuance the Conformity Certificate and Declaration of Performance (DOP) in accordance to Regulation (EU) 305/2011

2012022	Fogli allegati <i>Enclosure sheets</i>	
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Num. allegato <i>Enclosure num.</i>	Descrizione <i>Description</i>	Num. pag. <i>Num. pages</i>
1	Foto dell'apparecchiatura <i>Appliance photo</i>	3
2	Etichetta <i>Label</i>	1
3	Disegno e dimensioni generali dell'apparecchio <i>Appliance drawings and general dimensions</i>	13







Palazzetti Lelio S.p.A. - via Roveredo 103 - 33080 Porcia (PN)



DOP Nr. P00051430 – N.B. 0476 **EN 13240:2001**
/A2:2004/AC:2007

Apparecchio per il riscaldamento domestico a combustibile solido (ciocchi di
legno)

TYPE N. ASIA 80

LT202232080520122058

Matr N° - - - - -

Combustibile			Legna
Potenza termica max introdotta	PI _{max}	14.3	kW
Potenza termica nominale	P _{max}	12.4	kW
Rendimento alla potenza nominale	EFF _{max}	86.8	%
Emissioni di CO alla potenza nominale(13%O ₂)	CO _{max}	609	mg/Nm ³
Polveri alla potenza nominale(13%O ₂)	Dust	14	mg/Nm ³
Temperatura fumi	T _f	210.1	°C
Distanza minima da materiali infiammabili	X1/X2/Y	800/50/1000	mm

Leggere e seguire le istruzioni di uso e manutenzione

Usare solo il combustibile raccomandato

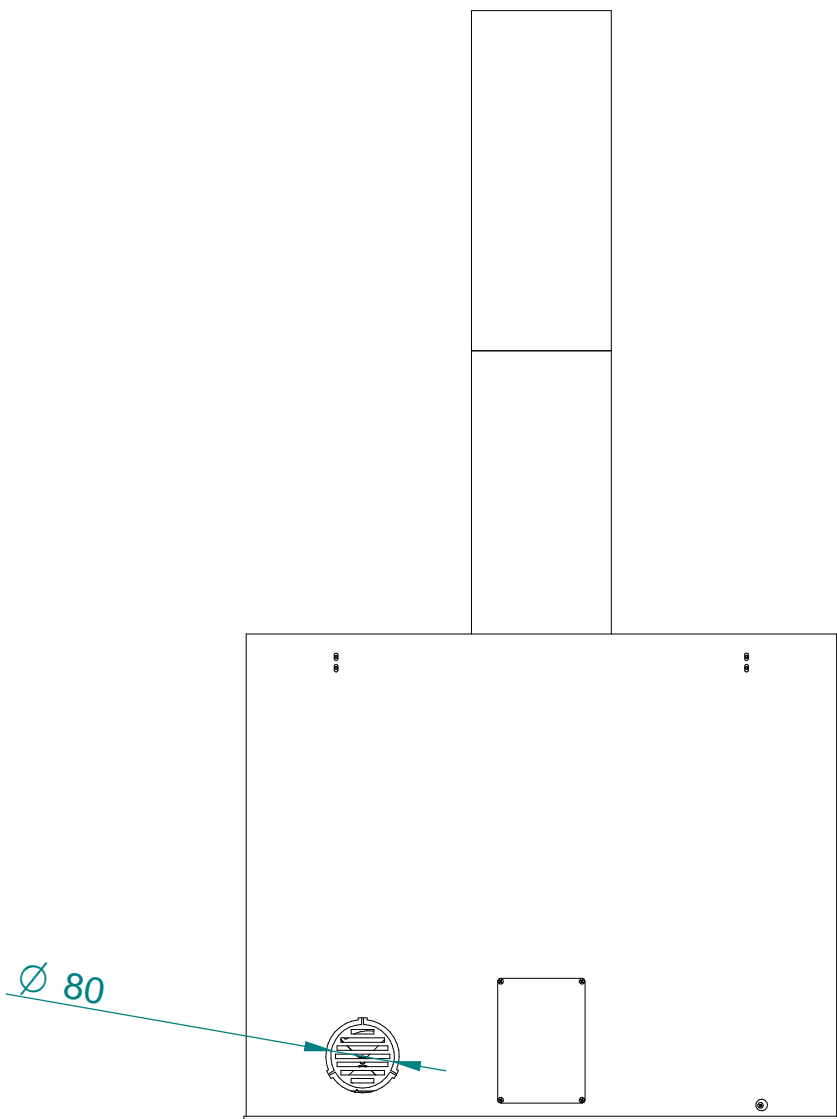
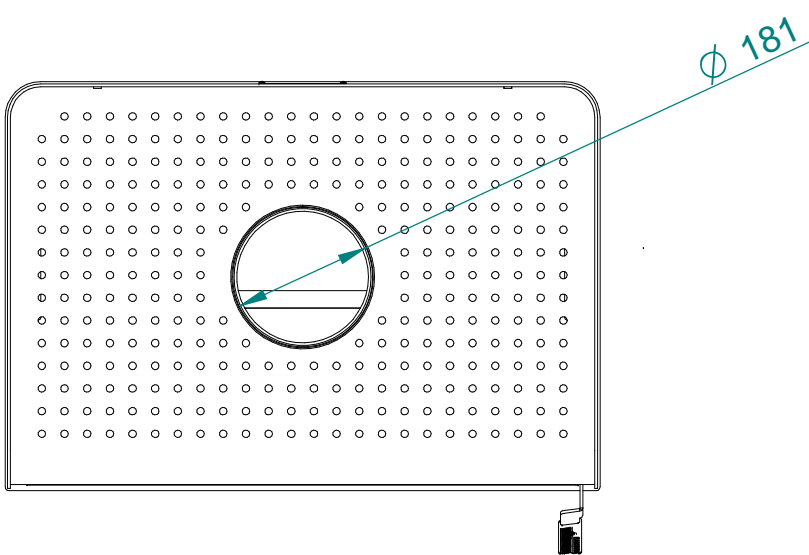
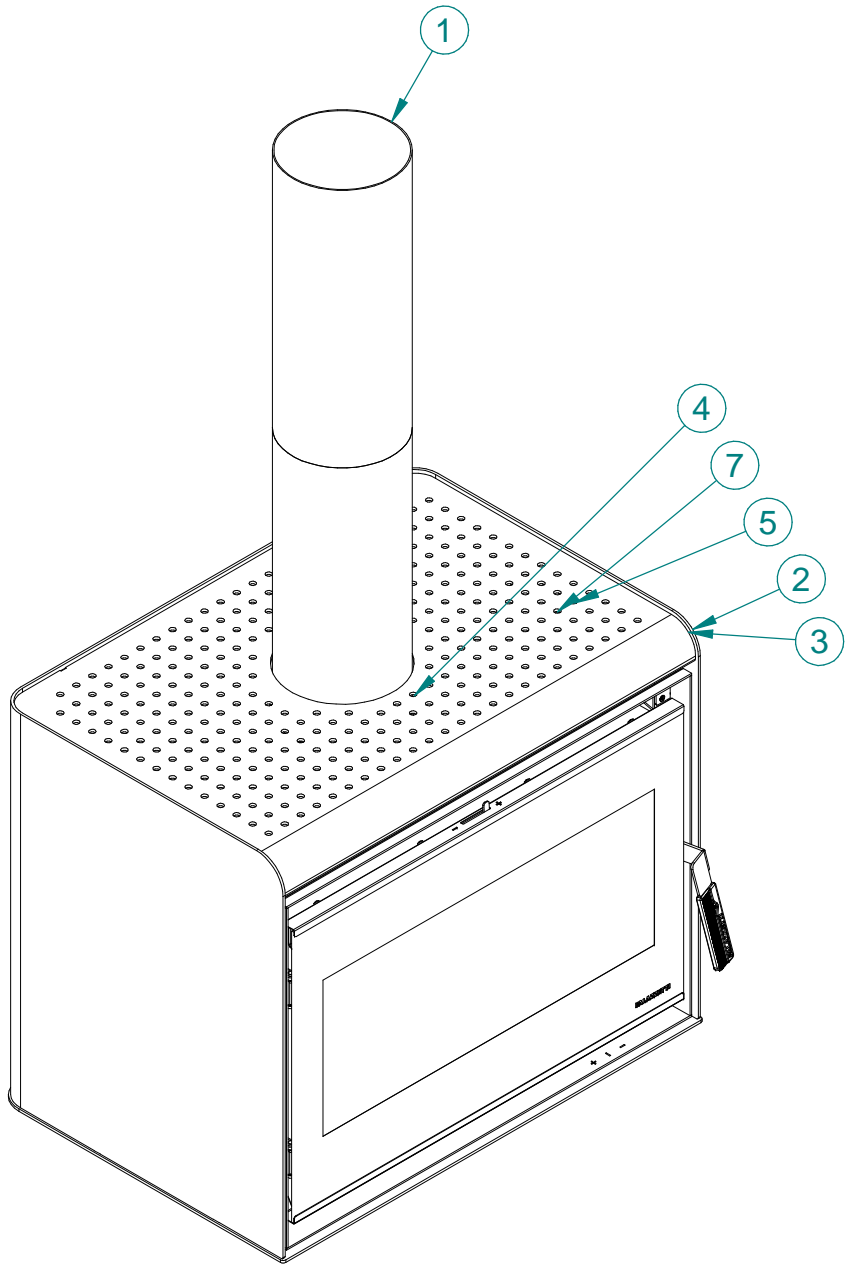
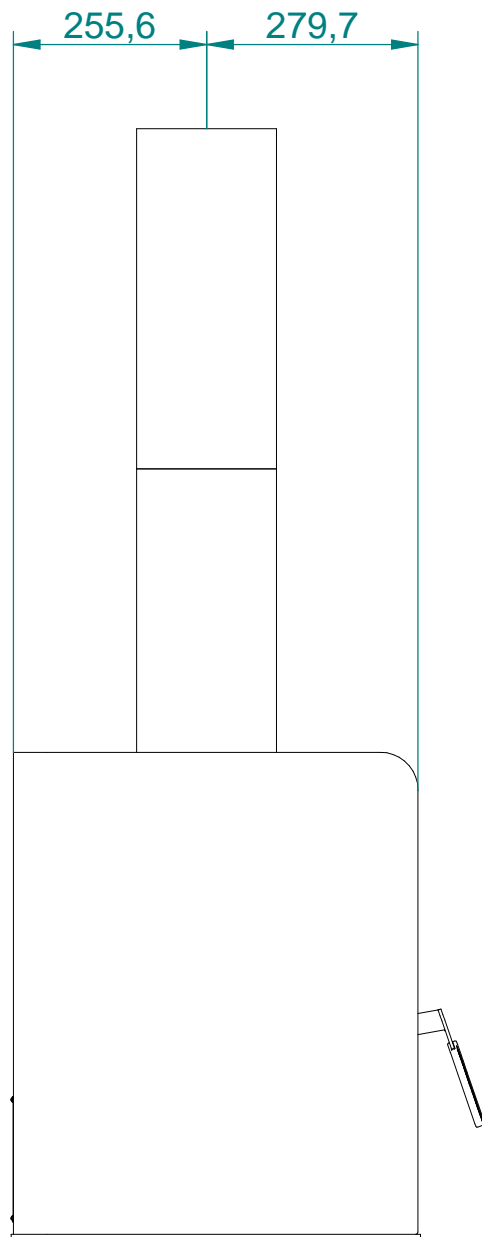
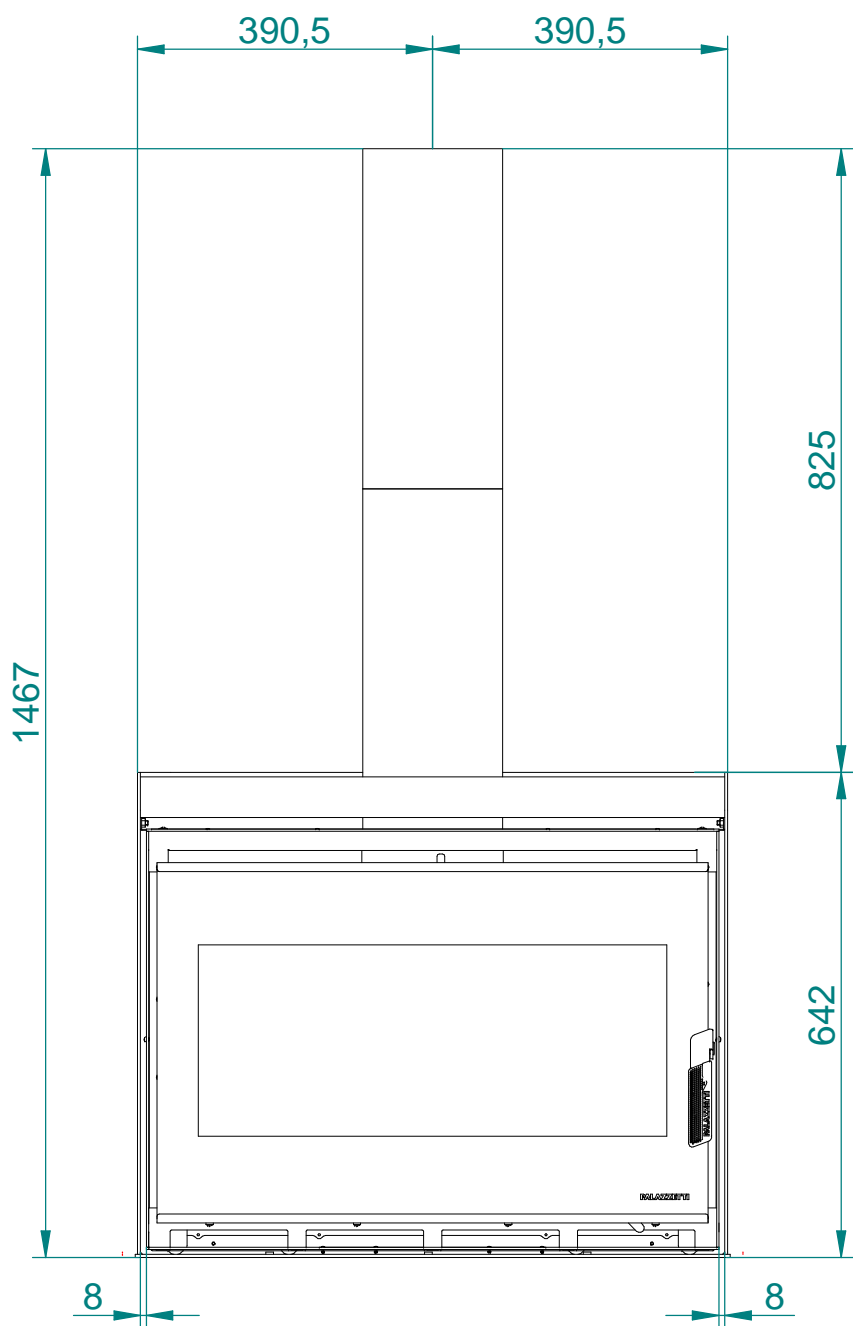
Non usare in canna fumaria condivisa

L'apparecchio funziona a combustione intermittente


Made in Italy

Изготовлено в Италии
Италияда жасалған

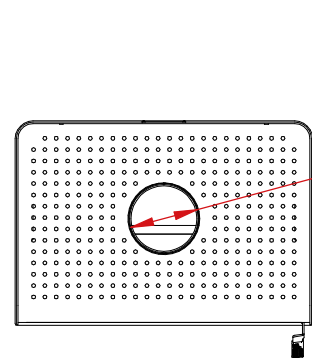
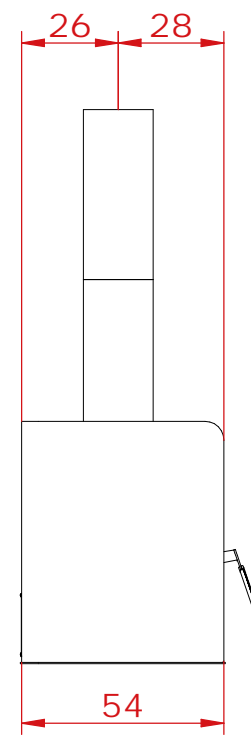
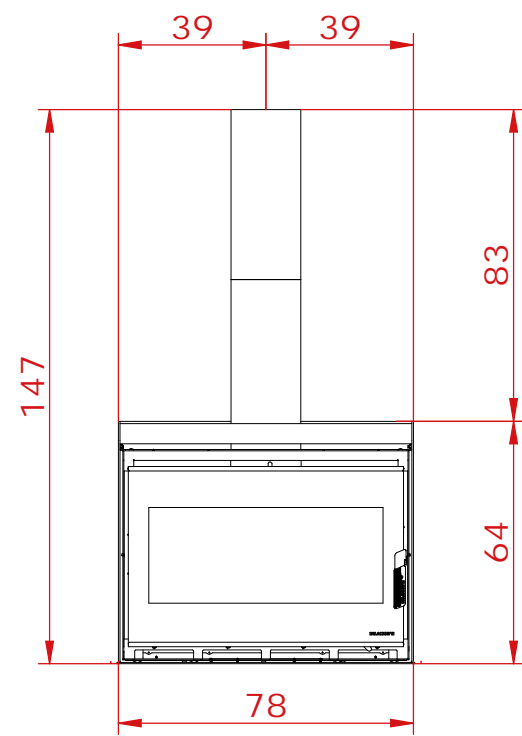




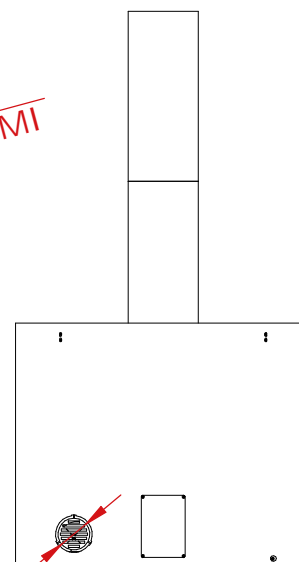
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14*	164300009	1	COPERCHIO IMBALLO	1
13*	164300011	0	MURALETTO	4
12*	172501514	0	PALLET UNIVERSALE ECOPALEX	1
11*	002300121	0	VITE M5X10 TE ZN	4
10*	FISSAGGIO PALETTA	?		2
9*	160820070	1	SUPPORTO ETICHETTA ADESIVA	1
8*	002300026	0	VITE 3,9X16 TC+ AUTOFIL.6954 ZN	8
7	002300001	3	VITE 3,9X13 TC+ AUTOPERF. ZN	4
6*	002320006	1	DADO ESAG.M6 5588 6S ZN	4
5	l per centraggio	?		2
4	761424696	0	COPERTURA PER ECOLAPEX 80	1
3	751320813	0	ASSIEME TOP	1
2	751120149	0	ASSIEME RIVESTIMENTO ASIA 80	1
1	140001516	1	ECOPALEX GTM80 X ASIA	1
Part	Part No.	Rev	Part Name	Qua

Nr.	MODIFICATIONS	DATE	DRAWN BY		SCALE 1:20
				MASS	234,347 kg (Errore: Nessun riferimento trovato per la formula)
				DATE	02/12/2022
				DRAWN BY	Daniele Lepore
				PREVIOUS No.	
PART NAME ASS. COMUNE ASIA 80					DESIGNER DL
TREATMENT			MATERIAL		
PALAZZETTI			PART No. 805201220		
ACCORDING TO THE APPLICABLE LAW, PALAZZETTI LELIO SpA CONSIDERS THIS DOCUMENT A COMPANY SECRET AND THEREFORE THE TOTAL OR PARTIAL REPRODUCTION AND/OR DIFFUSION THEREOF TO THIRD PARTIES OR TO COMPETITORS, WITHOUT PRIOR WRITTEN AUTORIZ. OF THE PALAZZETTI LELIO SpA MANAGENT, IS STRICTLY FORBIDDEN.					

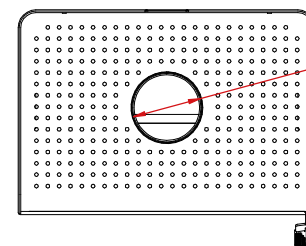
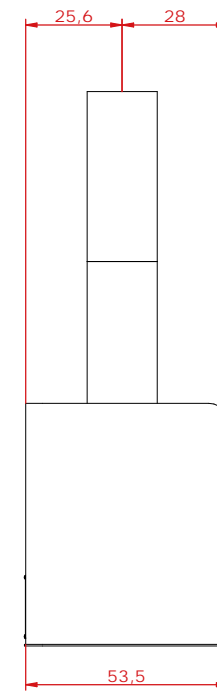
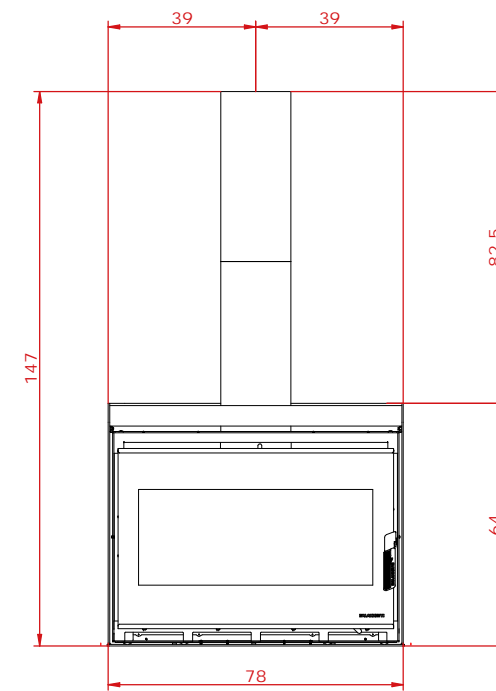
THE OBJECTS MUST BE IN COMPLIANCE WITH REG (EC) N. 1935/2004 ABOUT MATERIALS IN CONTACT WITH FOODSTUFFS AND ITS UPDATES AND AMENDMENTS.	<input type="checkbox"/> YES <input type="checkbox"/> NO
COMPONENTS IN COMPLIANCE WITH REG (EC) N. 1935/2004 ABOUT MATERIALS IN CONTACT WITH FOODSTUFFS AND ITS UPDATES AND AMENDMENTS.	<input type="checkbox"/> YES <input type="checkbox"/> NO
THE COMPONENT AND ITS CONSTITUENT MATERIALS MUST COMPLY WITH REG. (EC) N. 1935/2004 ABOUT MATERIALS IN CONTACT WITH FOODSTUFFS AND ITS UPDATES AND AMENDMENTS. THE TOTAL CONTENT OF EACH INDIVIDUAL SYMBOLOGICAL MUST NOT EXCEED THE REF. VALUE AS DEFINED IN THE LATEST UPDATE OF THE REG.	<input type="checkbox"/> YES <input type="checkbox"/> NO
GENERAL TOLERANCES: UNI EN 22768/1 - m UNI EN 22768/2 - mk	
VISIBLE SURFACE FINISH	



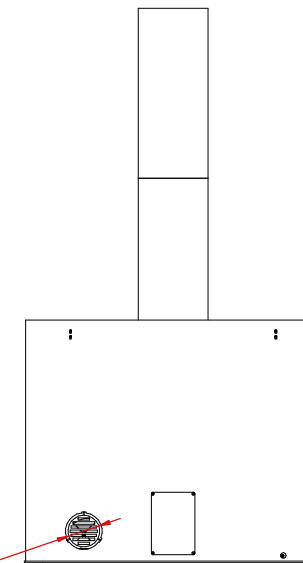
$\varnothing 18$
USCITA FUMI



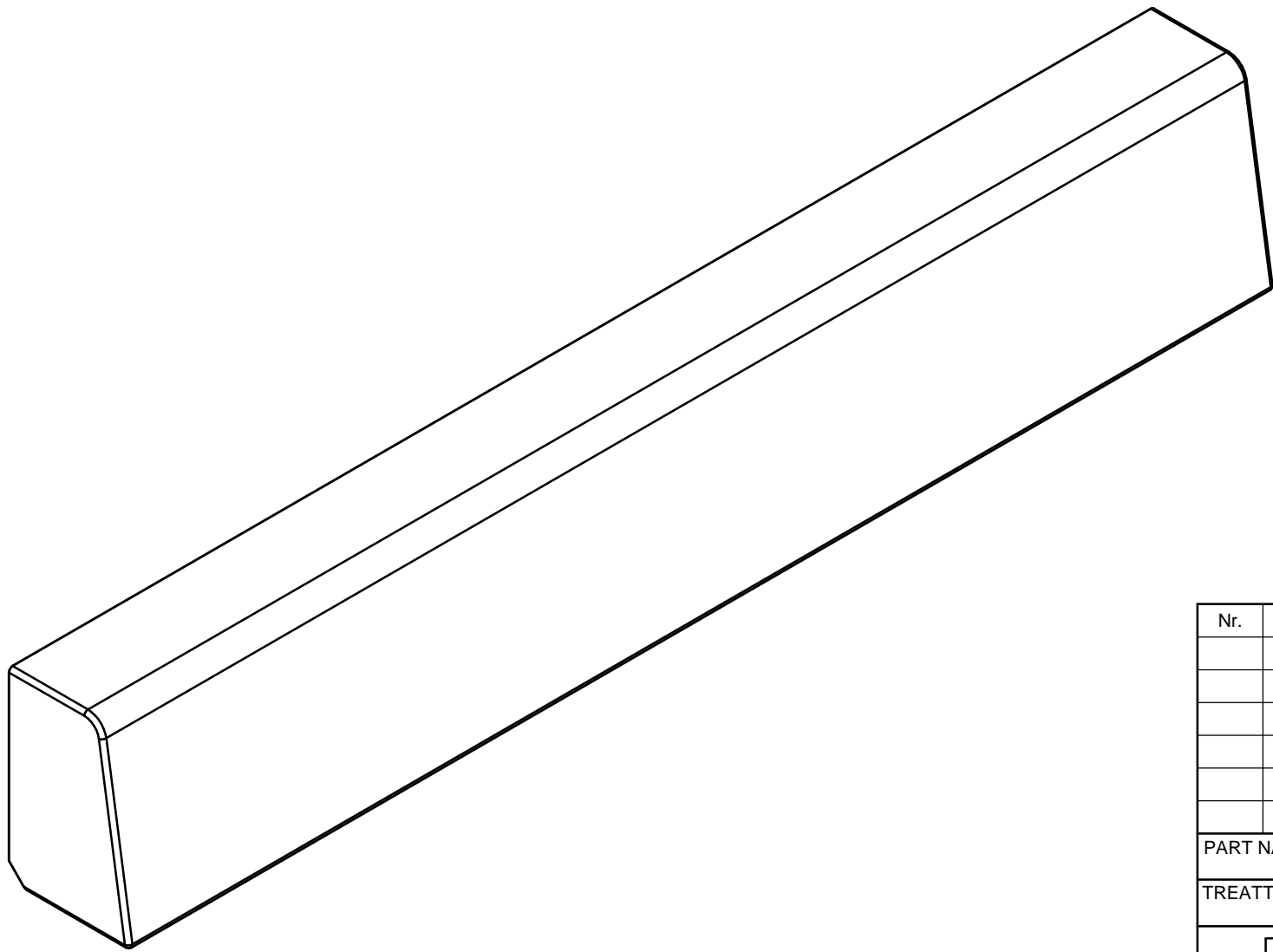
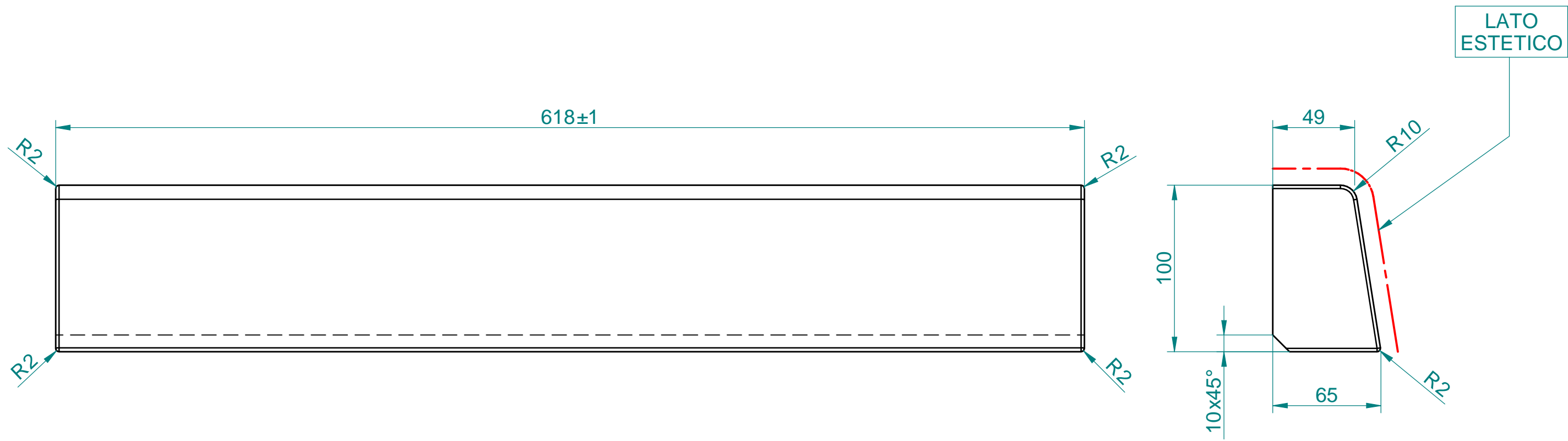
$\varnothing 8$
ENTRATA ARIA





$\varnothing 18$
USCITA FUMI

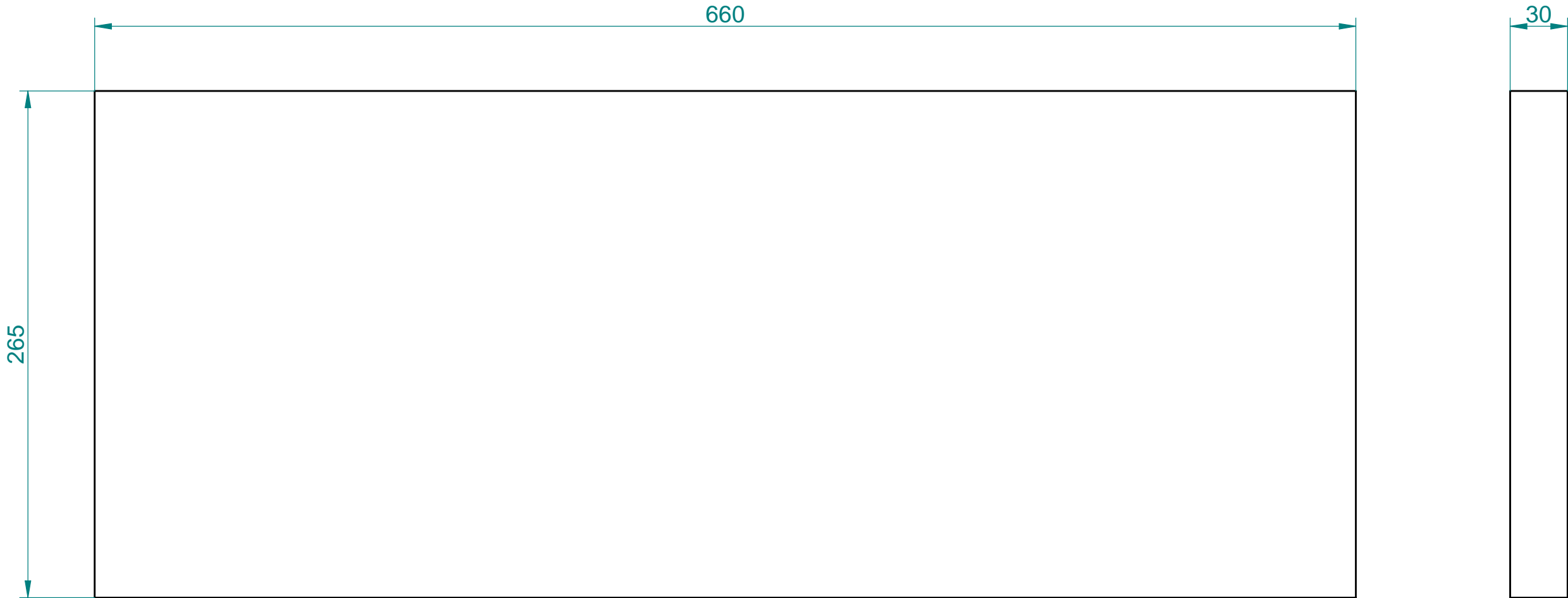


$\varnothing 8$
ENTRATA ARIA



Nr.	MODIFICATIONS	DATE	DRAWN BY		SCALE
					1:2,5
				MASS [Kg]	6,976 kg
				DATE	08/10/2018
				DRAWN BY	Daniele Lepore
				PREVIUS No.	1240DL16008
PART NAME SCHIENALE REFRATTARIO 76 STAR					
TREATMENT -		MATERIAL CEMENTO REFRATTARIO			
		PART No. 161130113			
ACCORDING TO THE APPLICABLE LAW, PALAZZETTI LELIO SpA CONSIDERS THIS DOCUMENT A COMPANY SECRET AND THEREFORE THE TOTAL OR PARTIAL REPRODUCTION AND-OR DIFFUSION THEREOF TO THIRD PARTIES OR TO COMPETITORS, WITHOUT PRIOR WRITTEN AUTORIZ. OF THE PALAZZETTI LELIO SpA MANAGENT, IS STRICTLY FORBIDDEN.					

THE OBJECT'S MUST BE IN COMPLIANCE WITH REG. (EC) N.1831/2003 ABOUT MATERIALS IN CONTACT WITH FOOD AND ITS UPDATES AND AMENDMENTS.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
COMPONENTS IN COMPLIANCE WITH DIR. 2011/65/60 (Rohs RECAST) AND FURTHER UPDATES AND AMEND		
THE COMPONENT AND ITS CONSTITUENT MATERIALS MUST COMPLY WITH REG. (EC) N.1907/2006 (REACH) INCLUDING RELATIVE ANNEXES (SPECIALLY XIV AND XVII). UP-DATES AND AMEND THE TOTAL CONTENT OF EACH INDIVIDUAL SVHC SUBSTANCE MUST NOT EXCEED THE REF. VALUE AS DEFINED IN THE LATEST UPDATE OF THE REG.		
☒ = DIMENSIONS TO BE KEPT UNDER CONTROL DURING PODUCTION.		
GENERAL TOLERANCES UNI EN 22768/1 - m UNI EN 22768/2 - mk		
VISIBLE SURFACE FINISH		



NOME COMMERCIALE:
SKAMOLEX VIP 900 BOARD

DENSITA' 900 Kg/m³

Nr.	MODIFICATIONS	DATE	DRAWN BY		SCALE 1:2,5
				MASS [Kg]	3,673 kg
				DATE	08/10/2018
				DRAWN BY	Daniele Lepore
				PREVIUS No.	1240DL16005
PART NAME TOP IN MAGNOFIX					
TREATTMNT -			MATERIAL VERMICULITE		
			PART No. 161130114		
ACCORDING TO THE APPLICABLE LAW, PALAZZETTI LELIO SpA CONSIDERS THIS DOCUMENT A COMPANY SECRET AND THEREFORE THE TOTAL OR PARTIAL REPRODUCTION AND-OR DIFFUSION THEREOF TO THIRD PARTIES OR TO COMPETITORS, WITHOUT PRIOR WRITTEN AUTORIZ. OF THE PALAZZETTI LELIO SpA MANAGENT, IS STRICTLY FORBIDDEN.					

THE OBJECT'S MUST BE IN COMPLIANCE WITH REG. (EC) N.1831/2003 ABOUT MATERIALS IN CONTACT WITH FOOD AND ITS UPDATES AND AMENDMENTS.

☐ YES ☐ NO

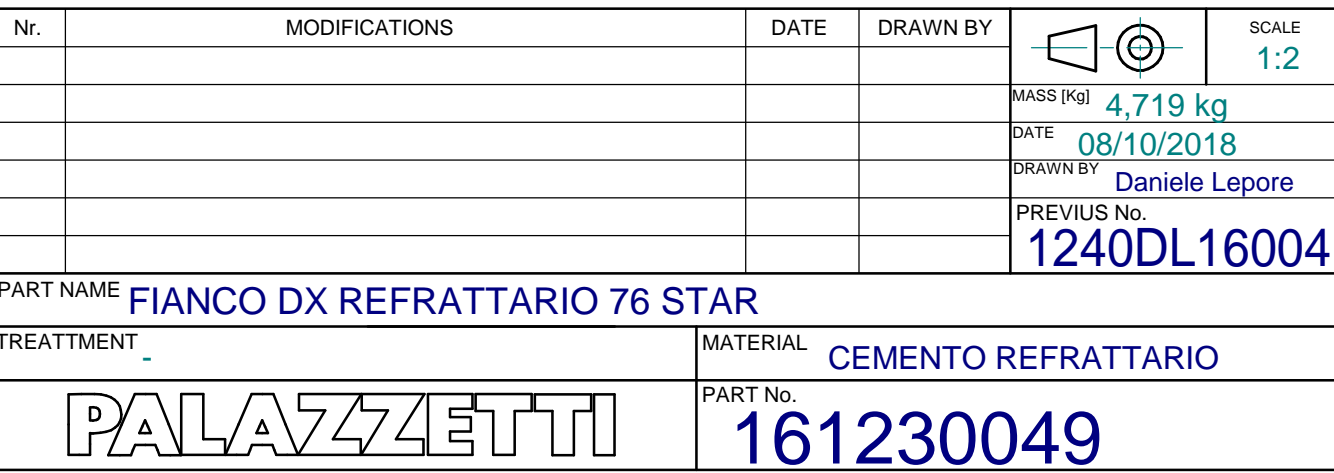
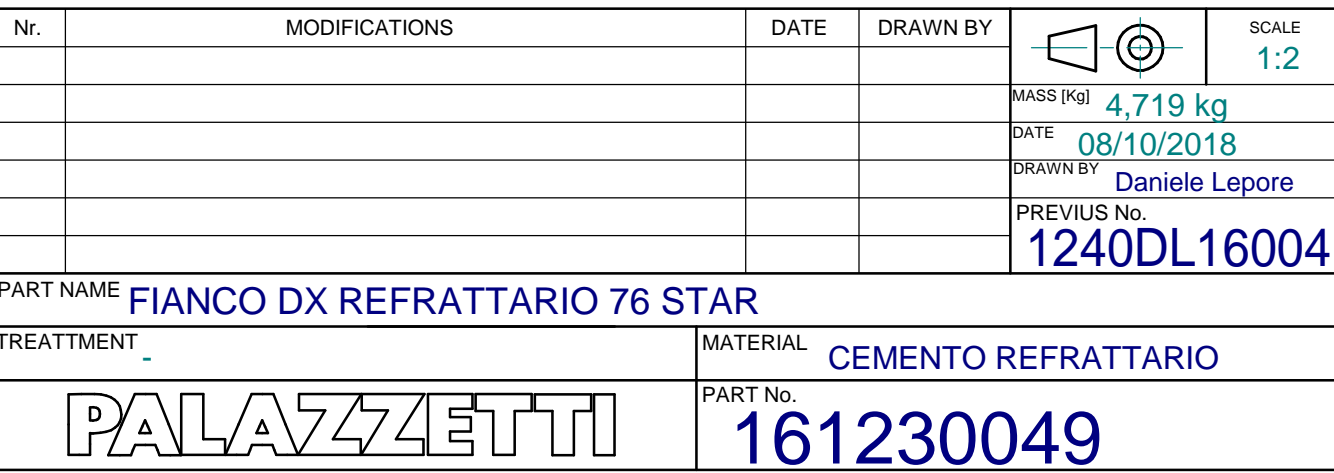
COMPONENTS IN COMPLIANCE WITH DIR. 2011/65/60 (RoHS RECAST) AND FURTHER UPDATES AND AMEND


THE COMPONENT AND ITS CONSTITUENT MATERIALS MUST COMPLY WITH REG. (EC) N.1907/2006 (REACH) INCLUDING RELATIVE ANNEXES (SPECIALLY XIV AND XVII). UP-DATES AND AMEND THE TOTAL CONTENT OF EACH INDIVIDUAL SVHC SUBSTANCE MUST NOT EXCEED THE REF. VALUE AS DEFINED IN THE LATEST UPDATE OF THE REG.

DIMENSIONS TO BE KEPT UNDER CONTROL DURING PODUCTION.

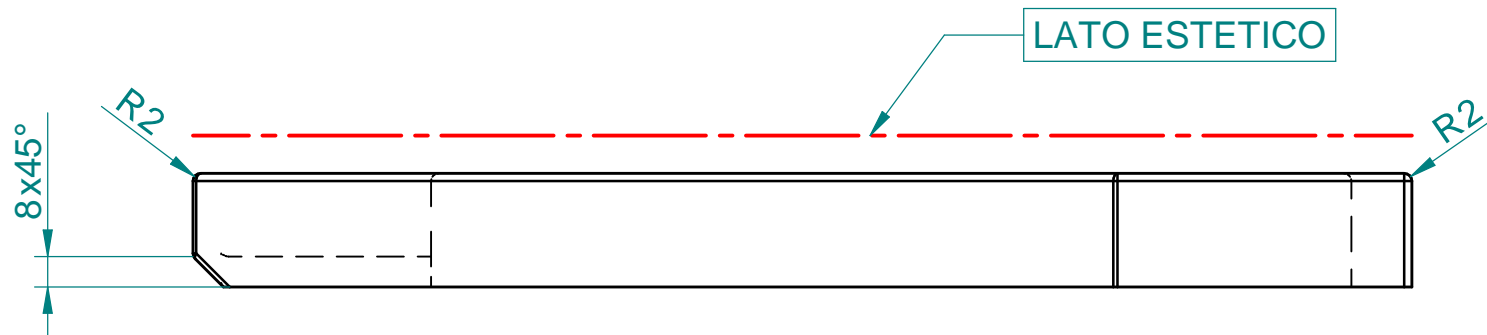
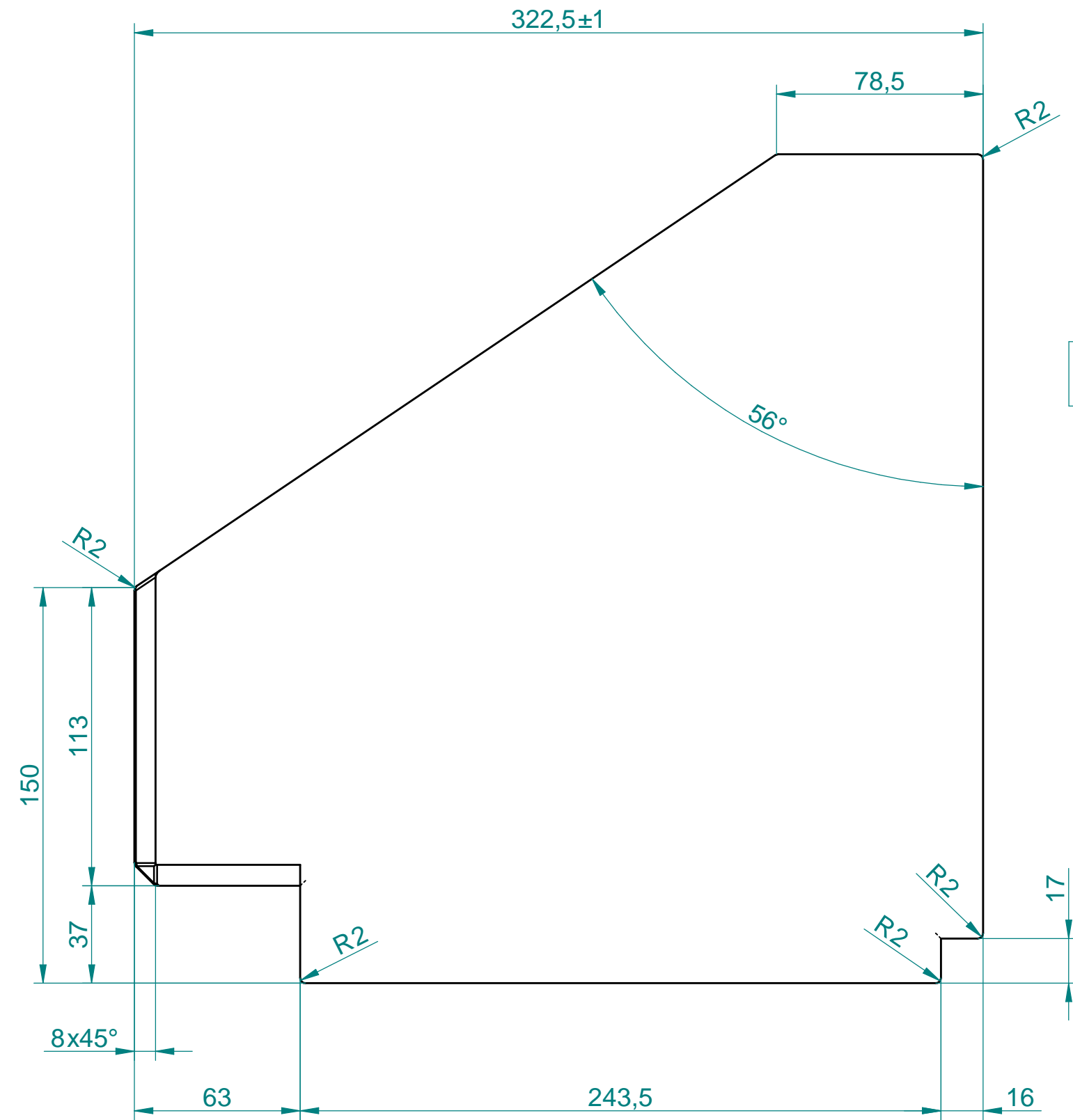
GENERAL TOLERANCES
UNI EN 22768/1 - m
UNI EN 22768/2 - mk

VISIBLE SURFACE FINISH

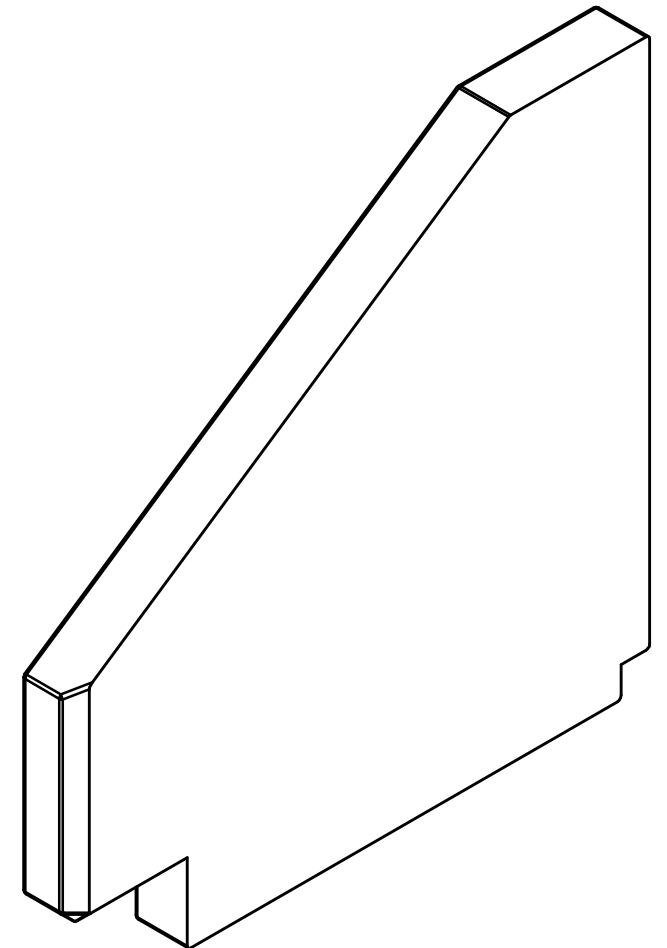
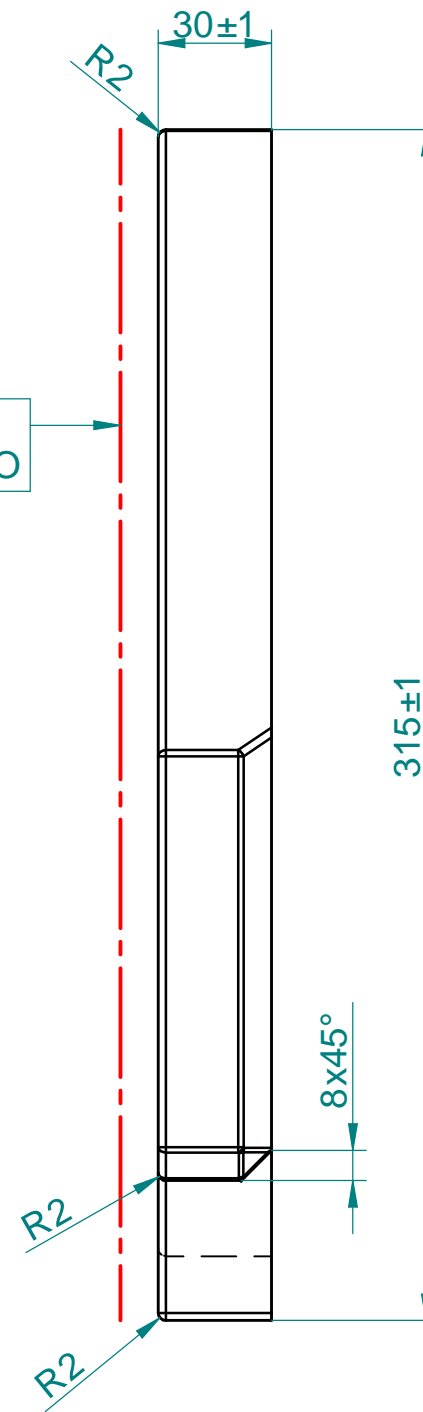



Nr.	MODIFICATIONS	DATE	DRAWN BY		SCALE 1:2
				MASS [Kg]	4,719 kg
				DATE	08/10/2018
				DRAWN BY	Daniele Lepore
				PREVIUS No.	1240DL16004
PART NAME FIANCO DX REFRATTARIO 76 STAR					
TREATMENT -			MATERIAL CEMENTO REFRATTARIO		
PALAZZETTI			PART No. 161230049		

[illegible]

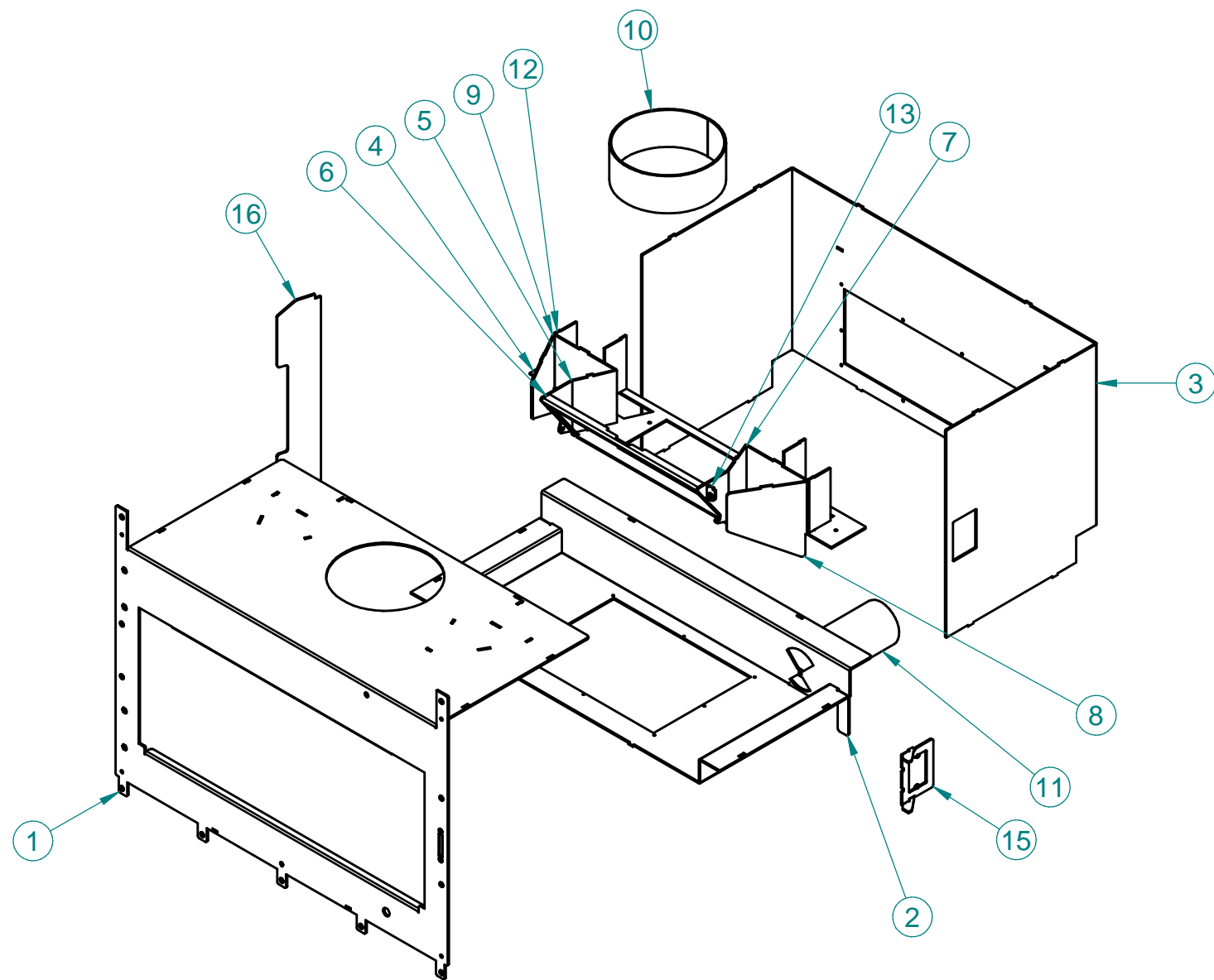


LATO ESTETICO



Nr.	MODIFICATIONS	DATE	DRAWN BY		SCALE 1:2
				MASS [Kg]	4,719 kg
				DATE	08/10/2018
				DRAWN BY	Daniele Lepore
				PREVIUS No.	1240DF16006
PART NAME FIANCO SX REFRATTARIO 76 STAR					
TREATMENT -		MATERIAL CEMENTO REFRATTARIO			
PALAZZETTI		PART No. 161230052			
ACCORDING TO THE APPLICABLE LAW, PALAZZETTI LELIO SpA CONSIDERS THIS DOCUMENT A COMPANY SECRET AND THEREFORE THE TOTAL OR PARTIAL REPRODUCTION AND/OR DIFFUSION THEREOF TO THIRD PARTIES OR TO COMPETITORS, WITHOUT PRIOR WRITTEN AUTORIZ. OF THE PALAZZETTI LELIO SpA MANAGENT, IS STRICTLY FORBIDDEN.					

THE OBJECT'S MUST BE IN COMPLIANCE WITH REG. (EC) N.1831/2003 ABOUT MATERIALS IN CONTACT WITH FOOD AND ITS UPDATES AND AMENDMENTS.	<input type="checkbox"/> YES <input type="checkbox"/> NO
COMPONENTS IN COMPLIANCE WITH DIR. 2011/65/60 (RoHS) RECASTED AND FURTHER UPDATES AND AMEND	
THE COMPONENT AND ITS CONSTITUENT MATERIALS MUST COMPLY WITH REG. (EC) N.1907/2006 (REACH) INCLUDING RELATIVE ANNEXES (SPECIALLY XIV AND XVII). UP-DATES AND AMEND THE TOTAL CONTENT OF EACH INDIVIDUAL SVHC SUBSTANCE MUST NOT EXCEED THE REF. VALUE AS DEFINED IN THE LATEST UPDATE OF THE REG.	
3D = DIMENSIONS TO BE KEPT UNDER CONTROL DURING PRODUCTION.	
GENERAL TOLERANCES UNI EN 22768/1 - m UNI EN 22768/2 - mk	
VISIBLE SURFACE FINISH	



17*	002330033	0	INSERTO FILETTATO M4 ESAG.A FILO	1
16	760829086	0	RINFORZO LATERALE SX	1
15	760829085	0	SUPPORTO TAPPO ISPEZIONE	1
14*	002330028	0	INSERTO FILETTATO M6 ESAG.A FILO	4
13	760829075	0	SUPPORTO PERNO	1
12	762226238	0	SETTI GIRO FUMI	4
11	162220197	0	TUBO ARIA COMBURENTE	1
10	762226237	0	COLLARE CANNA FUMARI	1
9	762226257	0	DEFLETTORE FUMI LATERALE DX	1
8	762226236	0	DEFLETTORE FUMI LATERALE DX	1
7	762226256	0	LATERALE DX BYPASS	1
6	761127995	1	FRONTALE SCATOLA RASTREMATA 76 STAR	1
5	762226235	0	LATERALE SX BYPASS	1
4	762226234	0	TAMPONAMENTO INF. GIRO FUMI	1
3	761128197	0	INVOLUCRO CALDAIA	1
2	760220203	0	BASAMENTO CALDAIA ECOPALEX 80	1
1	761128196	0	FACCIATA CALDAIA CON TESTATA	1

Part	Part No.	Rev	Part Name	Qua
Nr.	MODIFICATIONS		DATE	DRAWN BY
PART NAME			ASS. SALDATO CALDAIA 80	
TREATTMENT			VERNICIATURA TECNICA	
MATERIAL				
PART No.			751822773	
DESIGNER DL				

MASS 61,813 kg (0)

DATE 27/09/2021

DRAWN BY Daniele Lepore

PREVIUS No.

SCALE 1:5

GENERAL TOLERANCES
UNI EN 22768/1 - m
UNI EN 22768/2 - mk

VISIBLE SURFACE FINISH

THE OBJECTS MUST BE IN COMPLIANCE WITH REG. (EC) N.1935/2004 ABOUT MATERIALS IN CONTACT WITH FOOD AND ITS UPDATES AND AMENDMENTS.

☐ YES ☐ NO

COMPONENTS IN COMPLIANCE WITH DIR. 2017/65/60 (RoHS RECAST) AND FURTHER UPDATES AND AMEND

☐ YES ☐ NO

THE COMPONENT AND ITS CONSTITUENT MATERIALS MUST COMPLY WITH REG. (EC) N.1907/2006 (REACH) INCLUDING RELATIVE ANNEXES (SPECIALLY XIV AND XVII). UP-DATES AND AMEND THE TOTAL CONTENT OF EACH INDIVIDUAL SVHC SUBSTANCE MUST NOT EXCEED THE REF. VALUE AS DEFINED IN THE LATEST UPDATE OF THE REG.

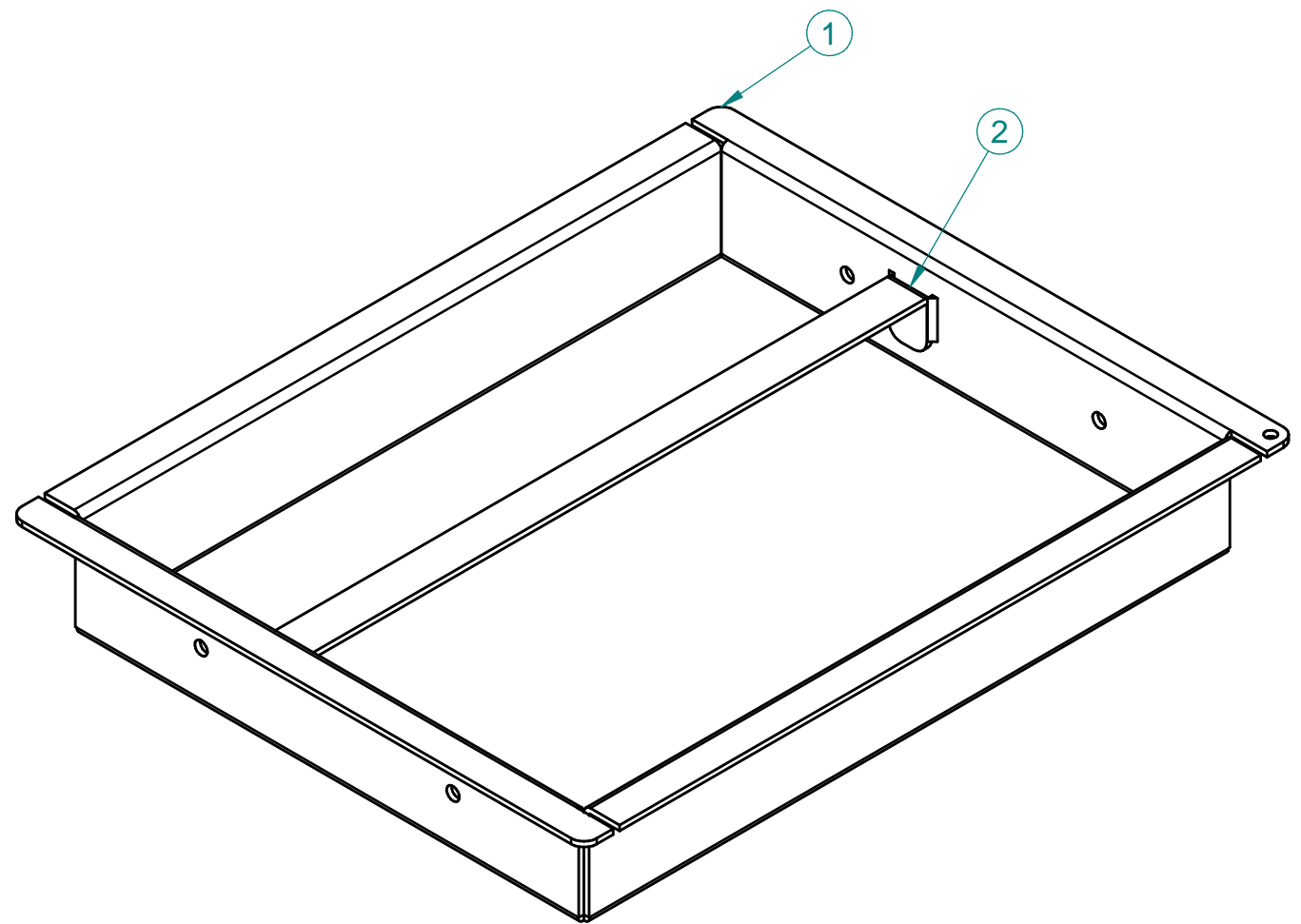
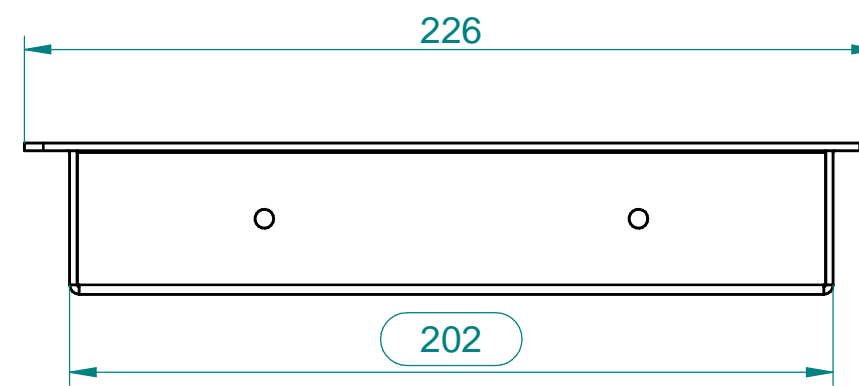
☐ YES ☐ NO

= DIMENSIONS TO BE KEPT UNDER CONTROL DURING PRODUCTION.



☐ YES ☐ NO

GENERAL TOLERANCES
UNI EN 22768/1 - m
UNI EN 22768/2 - mk

VISIBLE SURFACE FINISH



SEZ. A-A

2	765228772	0	MANIGLIA CASSETTO CENERE				1
1	765120439	0	VASCHETTA CENERE				1
Part	Part No.	Rev	Part Name				Qua
Nr.	MODIFICATIONS			DATE	DRAWN BY	 	SCALE 1:2
						MASS	1,694 kg (0)
						DATE	08/11/2021
						DRAWN BY	Daniele Lepore
						PREVIUS No.	1404DL75009
PART NAME CASSETTO CENERE ECOPALEX							DESIGNER DL
TREATMENT VERNICIATURA TECNICA				MATERIAL			
PALAZZETTI				PART No. 755120032			

ACCORDING TO THE APPLICABLE LAW, PALAZZETTI LELIO SpA CONSIDERS THIS DOCUMENT A COMPANY SECRET AND THEREFORE THE TOTAL OR PARTIAL REPRODUCTION AND/OR DIFFUSION THEREOF TO THIRD PARTIES OR TO COMPETITORS, WITHOUT PRIOR WRITTEN AUTORIZ. OF THE PALAZZETTI LELIO SpA MANAGENT, IS STRICTLY FORBIDDEN.

THE OBJECTS MUST BE IN COMPLIANCE WITH REG (EC) N. 1935/2004 ABOUT MATERIALS IN CONTACT WITH FOOD AND ITS UPDATES AND AMENDMENTS.

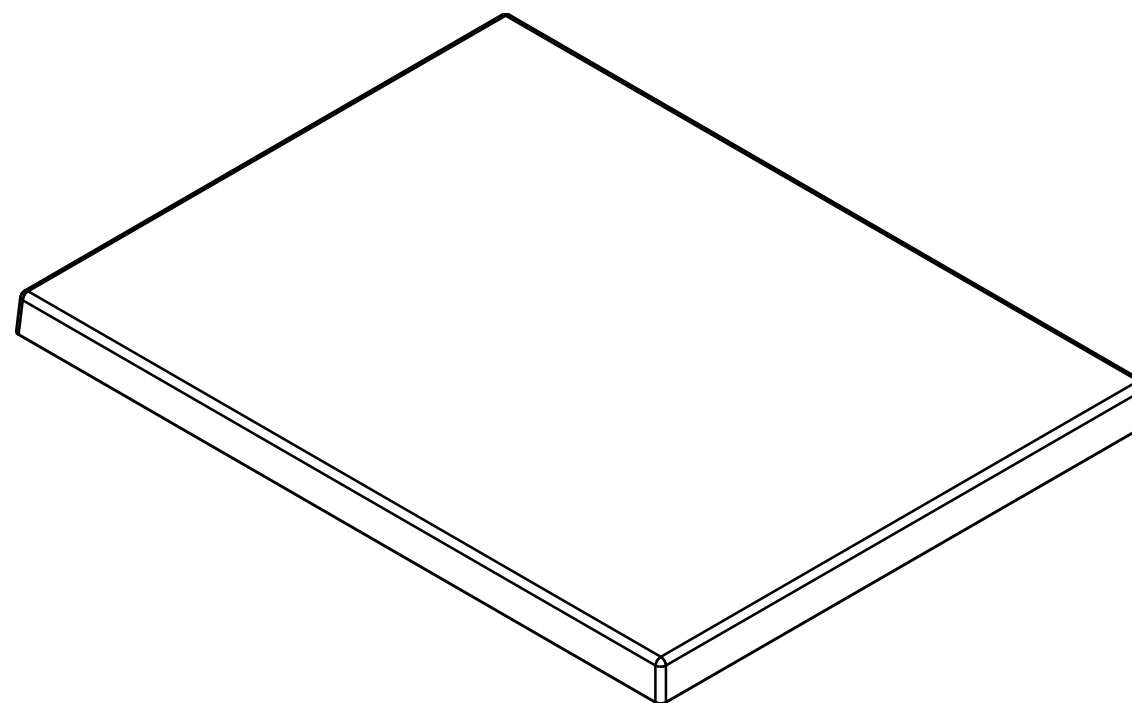
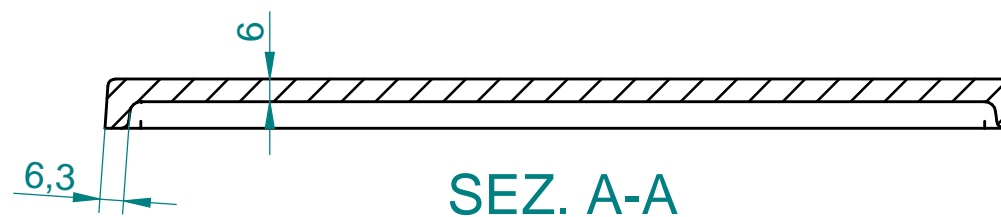
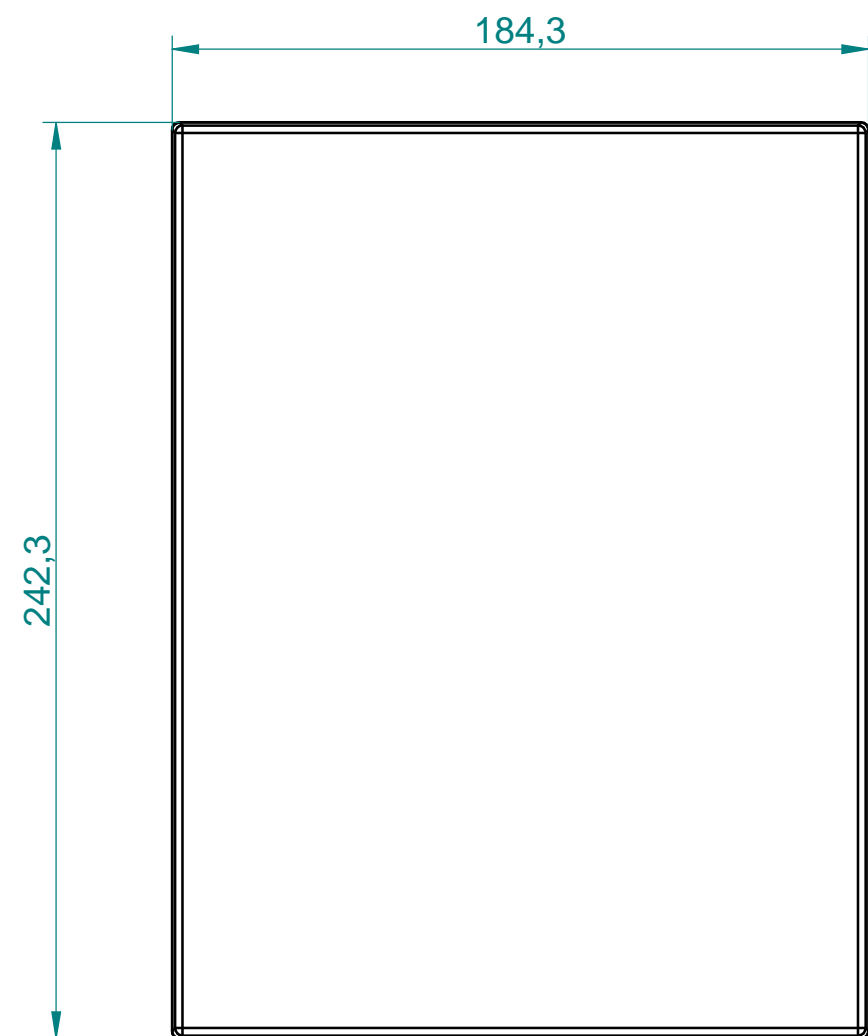
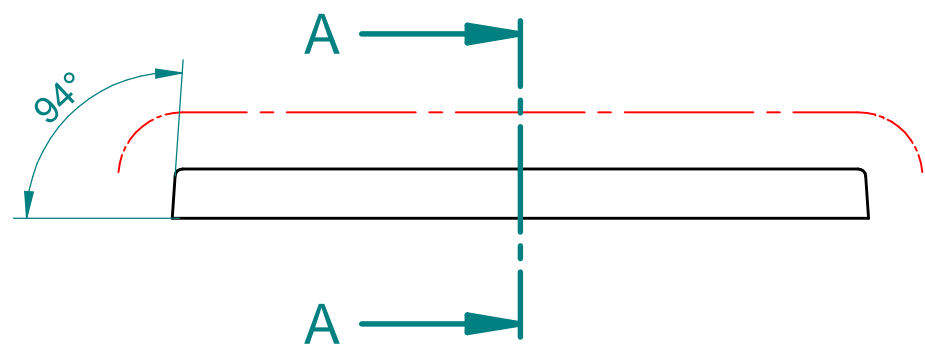
COMPONENTS IN COMPLIANCE WITH DIR. 2011/65/50 (RoHS RECAST) AND FURTHER UPDATES AND AMEND

THE COMPONENT AND ITS CONSTITUENT MATERIALS MUST COMPLY WITH REG. (EC) N. 1907/2006 (REACH) INCLUDING RELATIVE ANNEXES (SPECIALLY XIV AND XVII). UP-DATES AND AMEND THE TOTAL CONTENT OF EACH INDIVIDUAL SVHC SUBSTANCE MUST NOT EXCEED THE REF. VALUE AS DEFINED IN THE LATEST UPDATE OF THE REG.

xxx = DIMENSIONS TO
BE KEPT UNDER CONTROL
DURING PODUCTION.


GENERAL TOLERANCES
UNI EN 22768/1 - m
UNI EN 22768/2 - mk

VISIBLE SURFACE FINISH



ATTENZIONE:
Il particolare dovrà risultare privo di difetti estetici, ammaccature e residui di lavorazione. Eventuali spigoli in vista dovranno essere privi di bordi taglienti. Sbavare accuratamente tutti i fori.

GENERAL TOLERANCES
ISO 8062:2017 - DCTG 9

Nr.	MODIFICATIONS	DATE	DRAWN BY		SCALE 1:2
				MASS	2,360 kg (0)
				DATE	01/10/2021
				DRAWN BY	Daniele Lepore
				PREVIOUS No.	
PART NAME					DESIGNER
BASE GREZZA IN GHISA ECOPALEX 80					DL
TREATMENT		MATERIAL			
VERNICIATURA TECNICA		EN-GJL-200 (UNI EN 1561:1998)			
PALAZZETTI		PART No.			
		760220205			
ACCORDING TO THE APPLICABLE LAW, PALAZZETTI LELIO SpA CONSIDERS THIS DOCUMENT A COMPANY SECRET AND THEREFORE THE TOTAL OR PARTIAL REPRODUCTION AND/OR DIFFUSION THEREOF TO THIRD PARTIES OR TO COMPETITORS, WITHOUT PRIOR WRITTEN AUTORIZ. OF THE PALAZZETTI LELIO SpA MANAGENT, IS STRICTLY FORBIDDEN.					

THE OBJECTS MUST BE IN COMPLIANCE WITH REG. (EC) N.1831/2003 ABOUT MATERIALS IN CONTACT WITH FOOD AND ITS UPDATES AND AMENDMENTS.

YES ☐ NO ☐

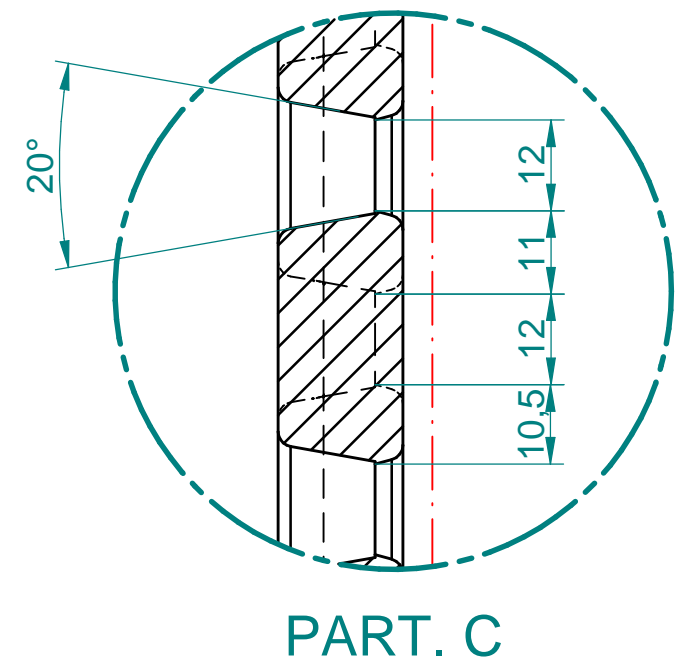
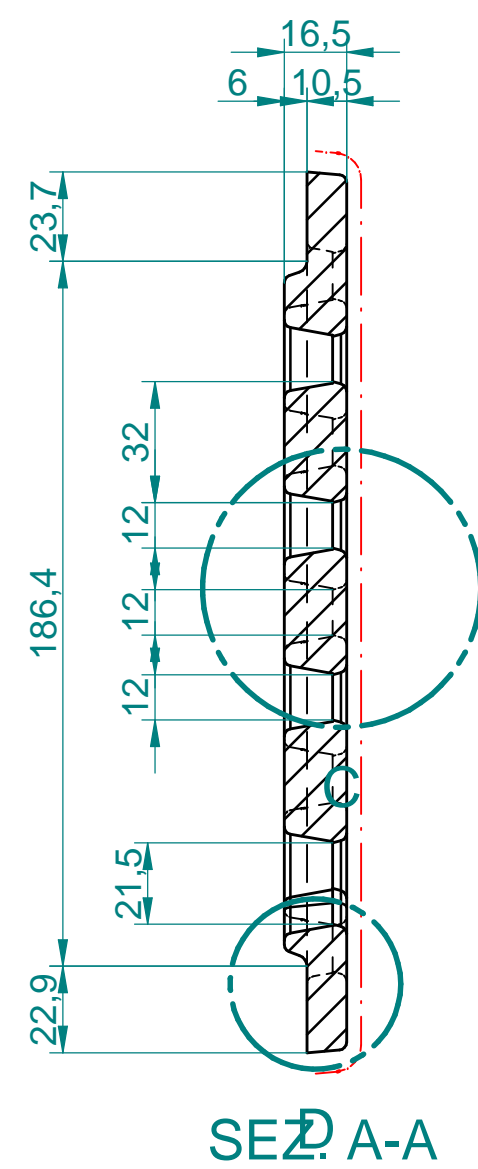
COMPONENTS IN COMPLIANCE WITH DIR. 2011/65/EC (RoHS RECAST) AND FURTHER UPDATES AND AMEND

THE COMPONENT AND ITS CONSTITUENT MATERIALS MUST COMPLY WITH REG. (EC) N.1907/2006 (REACH) INCLUDING RELATIVE ANNEXES (SPECIALLY XIV AND XVII). UP-DATES AND AMEND THE TOTAL CONTENT OF EACH INDIVIDUAL SVHC SUBSTANCE MUST NOT EXCEED THE REF. VALUE AS DEFINED IN THE LATEST UPDATE OF THE REG.

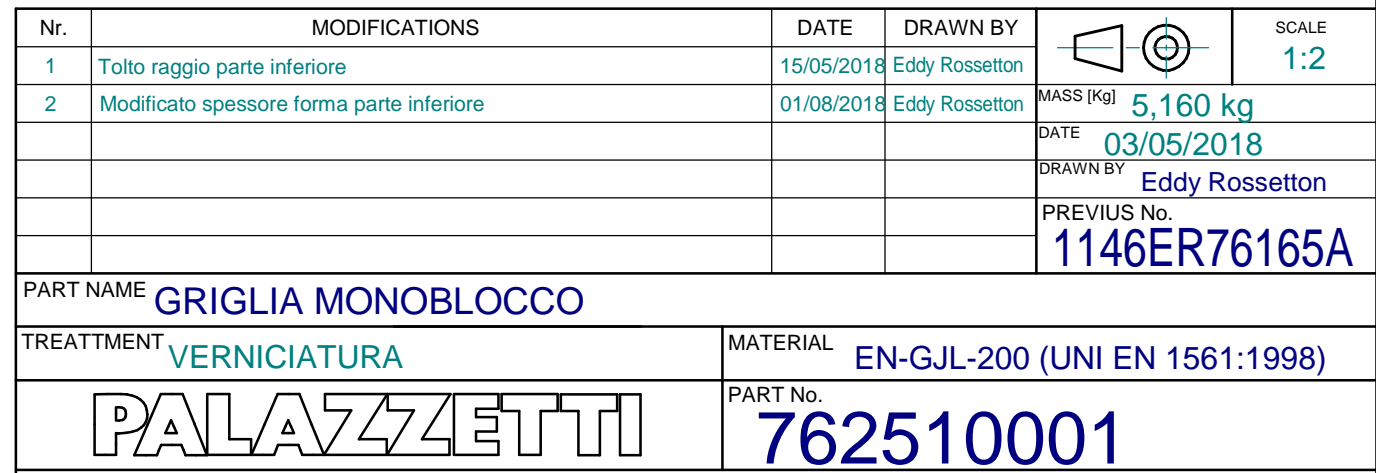
323 = DIMENSIONS TO BE KEPT UNDER CONTROL DURING PRODUCTION.

GENERAL TOLERANCES
UNI EN 22768/1 - m
UNI EN 22768/2 - mk

--- VISIBLE SURFACE FINISH



Technical drawing of a part with a circular feature. The drawing shows a cross-section of a part with a circular feature. The circular feature is defined by a dashed circle. The part has a vertical section with diagonal hatching. Dimensions are indicated: a horizontal dimension of 10,5 and a vertical dimension of 6. A circular feature is labeled with a circled '2'. The drawing is labeled 'PART. D'.



THE OBJECTS MUST BE IN COMPLIANCE WITH REG (EC) N.1935/2004 ABOUT MATERIALS IN CONTACT WITH FOOD AND ITS UPDATES AND AMENDMENTS.

☐ YES ☐ NO

COMPONENTS IN COMPLIANCE WITH DIR. 2011/65/50 (RoHS RECAST) AND FURTHER UPDATES AND AMEND

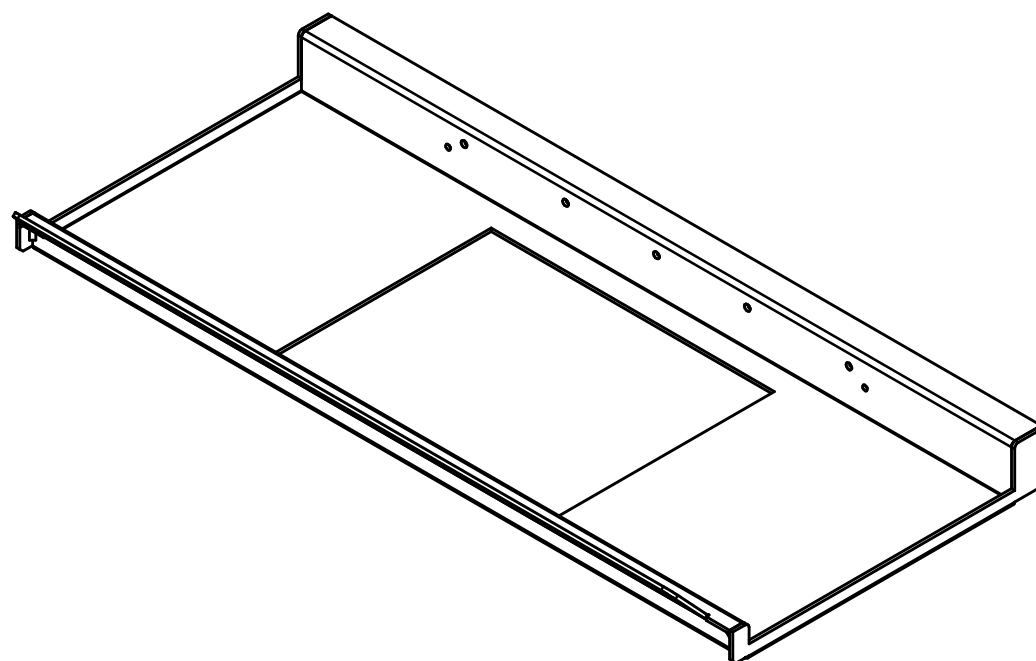
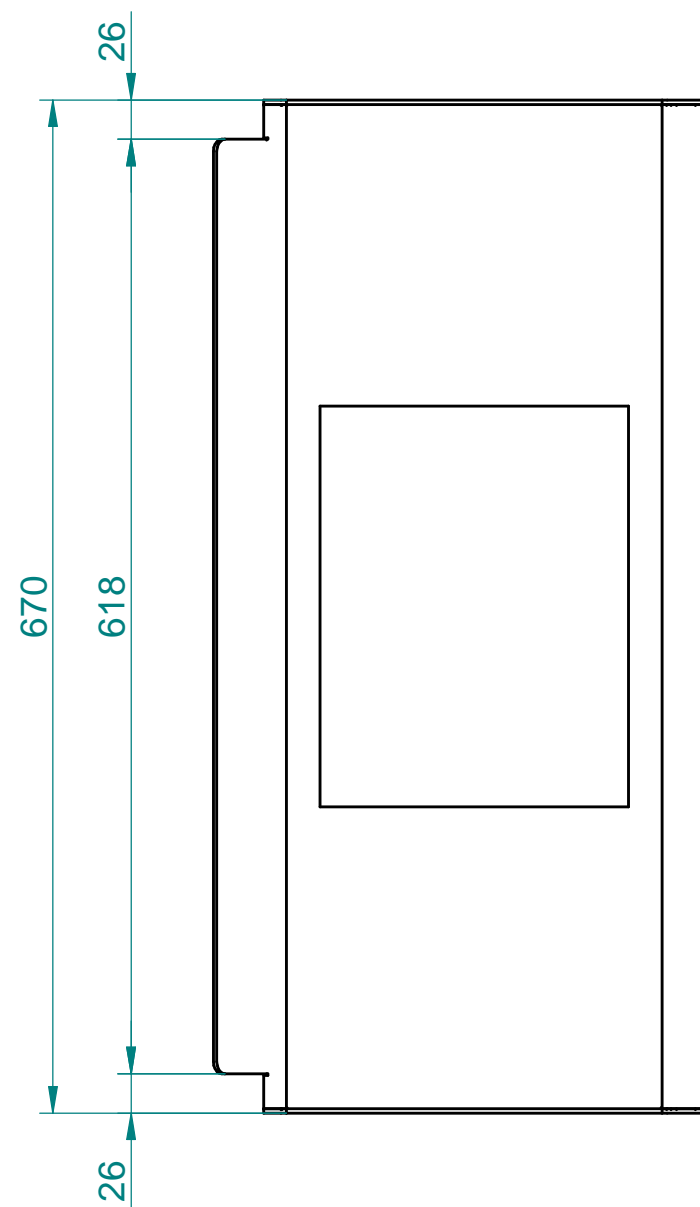
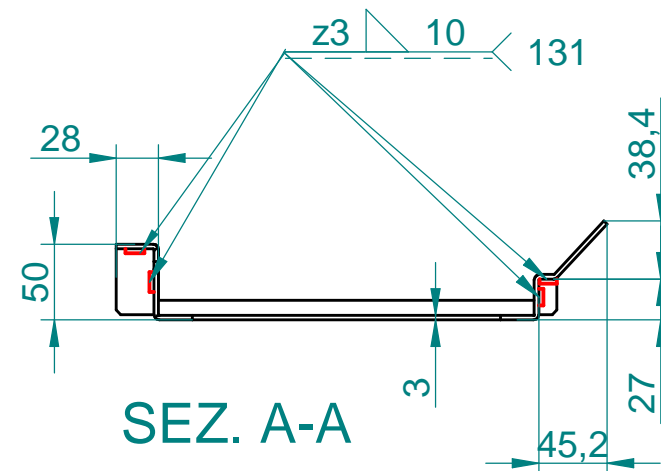
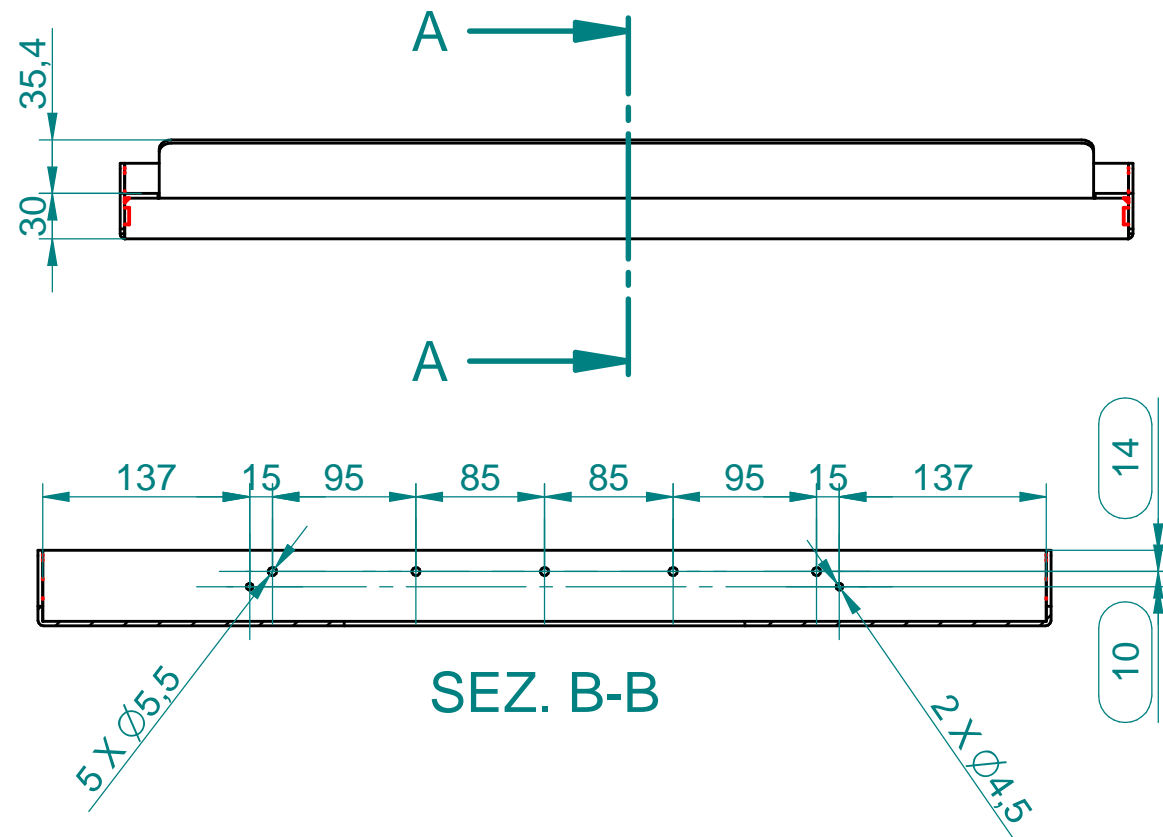
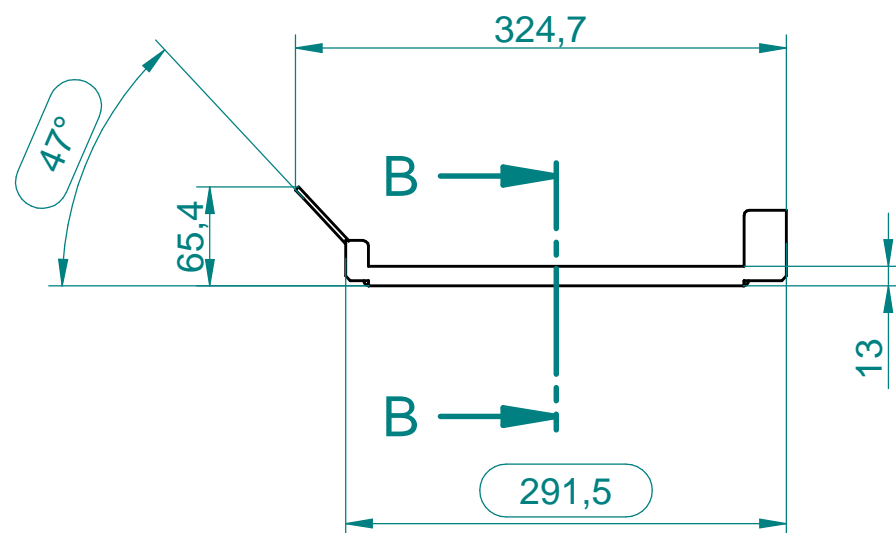
THE COMPONENT AND ITS CONSTITUENT MATERIALS MUST COMPLY WITH REG. (EC) N. 1907/2006 (REACH) INCLUDING RELATIVE ANNEXES (SPECIALLY XIV AND XVII). UPDATES AND AMEND THE TOTAL CONTENT OF EACH INDIVIDUAL SVHC SUBSTANCE MUST NOT EXCEED THE REF. VALUE AS DEFINED IN THE LATEST UPDATE OF THE REG.

BE KEPT UNDER CONTROL
DURING PRODUCTION.

UNI EN 22768/1 - m
UNI EN 22768/2 - mk

VISIBLE SURFACE FINISH

ACCORDING TO THE APPLICABLE LAW, PALAZZETTI LELIO SpA CONSIDERS THIS DOCUMENT A COMPANY SECRET AND THEREFORE THE TOTAL OR PARTIAL REPRODUCTION AND/OR DIFFUSION THEREOF TO THIRD PARTIES OR TO COMPETITORS, WITHOUT PRIOR WRITTEN AUTORIZ. OF THE PALAZZETTI LELIO SpA MANAGENT, IS STRICTLY FORBIDDEN.



Nr.	MODIFICATIONS	DATE	DRAWN BY	SCALE
				1:5
			MASS	5,731 kg (7,242)
			DATE	09/12/2021
			DRAWN BY	Daniele Lepore
			PREVIUS No.	1405DL76006
PART NAME VASCHETTA ECOPALEX 80				DESIGNER DL
TREATTMENT VERNICIATURA TECNICA		MATERIAL		
PALAZZETTI		PART No. 765120443		

ACCORDING TO THE APPLICABLE LAW, PALAZZETTI LELIO SpA CONSIDERS THIS DOCUMENT A COMPANY SECRET AND THEREFORE THE TOTAL OR PARTIAL REPRODUCTION AND/OR DIFFUSION THEREOF TO THIRD PARTIES OR TO COMPETITORS, WITHOUT PRIOR WRITTEN AUTORIZ. OF THE PALAZZETTI LELIO SpA MANAGENT, IS STRICTLY FORBIDDEN.

THE OBJECTS MUST BE IN COMPLIANCE WITH REG. (EC) N.1831/2003 ABOUT MATERIALS IN CONTACT WITH FOOD AND ITS UPDATES AND AMENDMENTS.

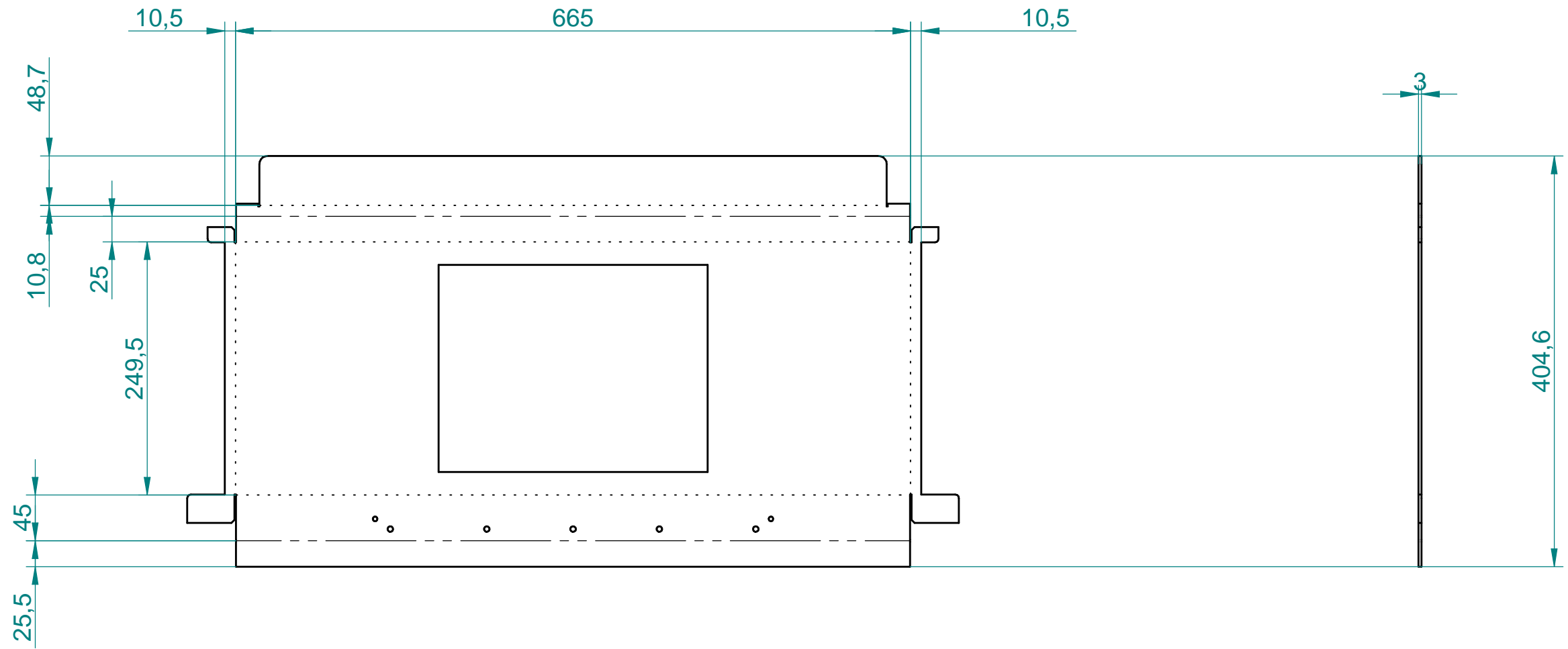
COMPONENTS IN COMPLIANCE WITH DIR. 2011/65/60 (RoHS RECAST) AND FURTHER UPDATES AND AMEND

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323 = DIMENSIONS TO BE KEPT UNDER CONTROL DURING PRODUCTION.

GENERAL TOLERANCES
UNI EN 22768/1 - m
UNI EN 22768/2 - mk

VISIBLE SURFACE FINISH



SVILUPPO AD USO INTERNO ESCLUSIVO PALAZZETTI

PIEGA SU: — — — — — PIEGA GIU':

Nr.	MODIFICATIONS	DATE	DRAWN BY		SCALE 1:5
				MASS	5,731 kg (7,242)
				DATE	09/12/2021
				DRAWN BY	Daniele Lepore
				PREVIUS No.	1405DL76006
PART NAME VASCHETTA ECOPALEX 80					DESIGNER DL
TREATTMNT VERNICIATURA TECNICA			MATERIAL		
			PART No. 765120443		
ACCORDING TO THE APPLICABLE LAW, PALAZZETTI LELIO SpA CONSIDERS THIS DOCUMENT A COMPANY SECRET AND THEREFORE THE TOTAL OR PARTIAL REPRODUCTION AND/OR DIFFUSION THEREOF TO THIRD PARTIES OR TO COMPETITORS, WITHOUT PRIOR WRITTEN AUTORIZ. OF THE PALAZZETTI LELIO SpA MANAGENT, IS STRICTLY FORBIDDEN.					

THE OBJECTS MUST BE IN COMPLIANCE WITH REG. (EC) N.1935/2004 ABOUT MATERIALS IN CONTACT WITH FOOD AND ITS UPDATES AND AMENDMENTS.

☐ YES ☐ NO

COMPONENTS IN COMPLIANCE WITH DIR. 2011/65/60 (RoHS RECAST) AND FURTHER UPDATES AND AMEND

THE COMPONENT AND ITS CONSTITUENT MATERIALS MUST COMPLY WITH REG. (EC) N.1907/2006 (REACH) INCLUDING RELATIVE ANNEXES (SPECIALLY XIV AND XVII). UP-DATES AND AMEND THE TOTAL CONTENT OF EACH INDIVIDUAL SVHC SUBSTANCE MUST NOT EXCEED THE REF. VALUE AS DEFINED IN THE LATEST UPDATE OF THE REG.

☒ = DIMENSIONS TO BE KEPT UNDER CONTROL DURING PRODUCTION.

GENERAL TOLERANCES
UNI EN 22768/1 - m
UNI EN 22768/2 - mk

VISIBLE SURFACE FINISH