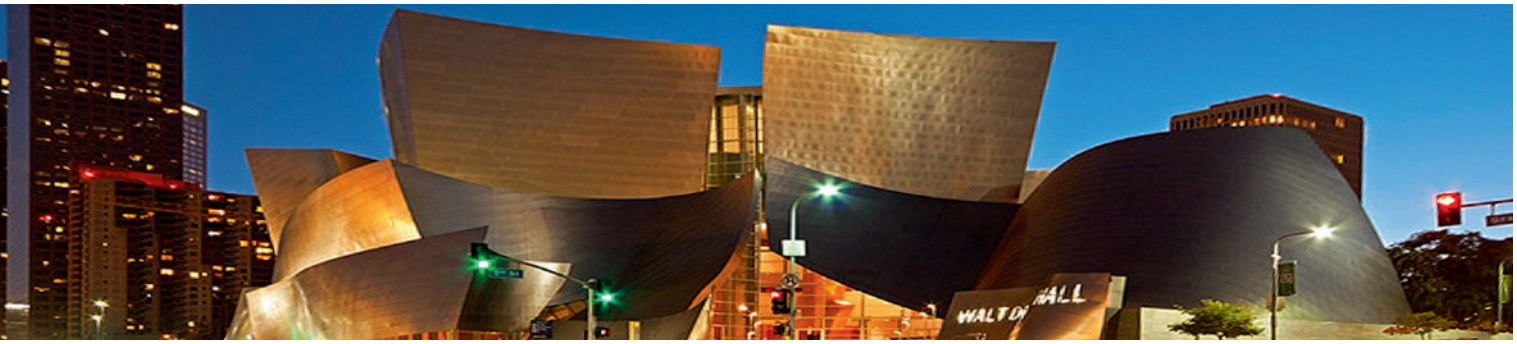
ISOMEC

SANDWICH PANELS



# ISOFONO 5G

Ed. 2.4

# ISOFONO 5G

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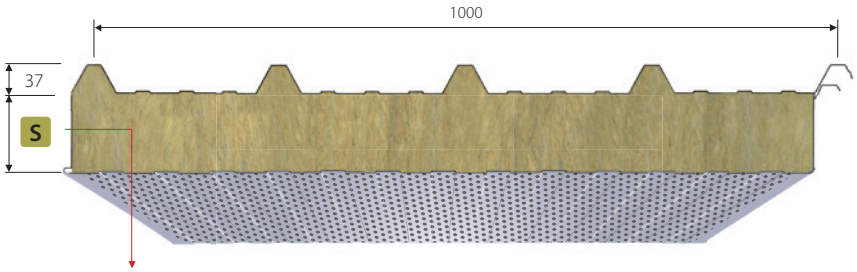
| Standard | | A richiesta all'ordine<br>At request at the order<br>Nur auf Anfrage bei der Bestellung<br>Sur demande à la commande |
|---|---|---|
| | MW · -36 dB · B roof | GW · Over Lapping · 30 Year Warranty |





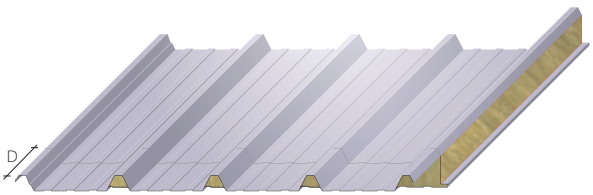

Guarnizione a richiesta - Gasket on demand - Dichtung auf Nachfage - Joint sur demande

ISOFONO 5G è utilizzabile per edifici che richiedono elevate prestazioni di resistenza al fuoco ed ottime prestazioni acustiche. Pannello sandwich doppia lamiera con giunto incastro maschio/femmina coibentato in fibra di lana minerale, con supporto interno forato. ISOFONO 5G viene utilizzato per coperture con pendenza minima del 7%. Si consiglia una lunghezza massima dei pannelli non superiore a 6000 mm.

ISOFONO 5G can be used for buildings requiring high fire-resistance and sound-proofing performance. A double-sheet sandwich panel with male/female joints insulated in mineral wool fibre, with a perforated inner surface. ISOFONO 5G is used for roofs with a minimum slope of 7%. We recommend the panel length does not exceed 6000mm.

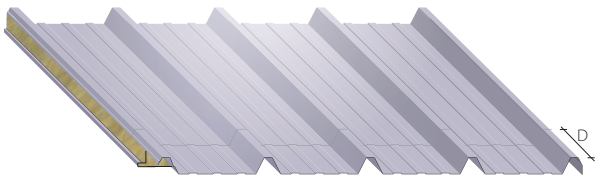
ISOFONO 5G ist fuer Gebäude die hohe Brand- und Lärmschutzleistungen fordern bestimmt. Sandwich Paneel Doppelblech mit einer Feder-Nut Verbindung in Mineralfaserisolierung realisiert, und gelochter Innenschale. ISOFONO 5G wird für Dachungen mit einer Mindestneigung von 7% benutzt . Es wird eine Maximallänge der Paneele nicht über 6000mm empfohlen.

ISOFONO 5G est utilisable pour des édifices qui requièrent des performances élevées de résistance au feu, ainsi que d'excellentes performances acoustiques. Panneau sandwich à double tôle avec joint à emboîtement mâle/femelle isotherme en fibre de laine minérale, avec support interne foré. ISOFONO 5G est utilisé pour des couvertures ayant une inclinaison minimale de 7 %. Il est conseillé une longueur maximale des panneaux non supérieure à 6000 mm.




Overlapping Sinistro / Left overlapping
Overlapping Links / Overlapping gauche

**D = 80-300 mm**




Overlapping Destro / Right overlapping
Overlapping Rechts / Overlapping droit

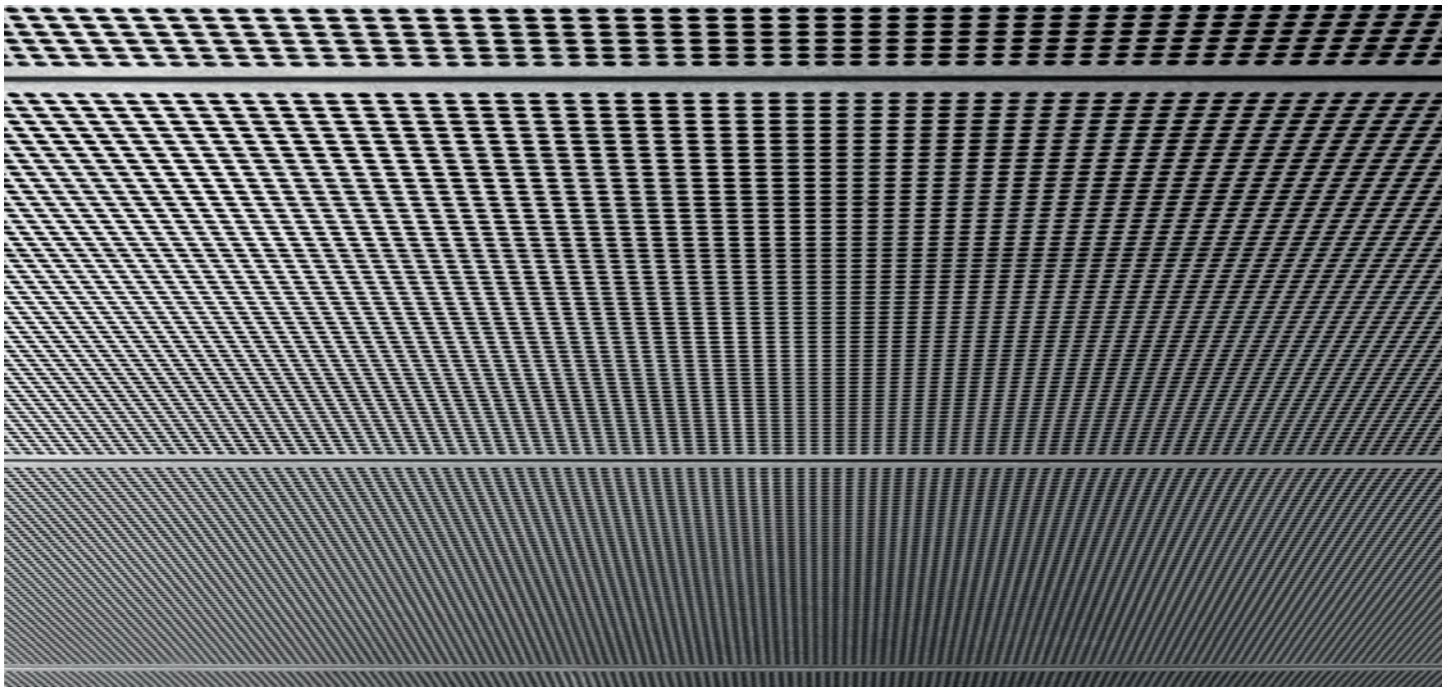


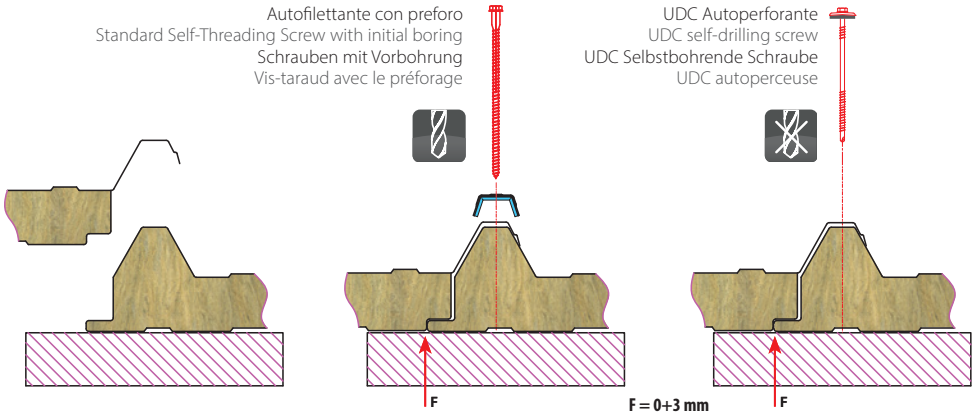
Senso di posa / Installation way
Verlegungsrichtung / Sens de pose



Senso di posa / Installation way
Verlegungsrichtung / Sens de pose

*Attenzione: Isomec si riserva il diritto di apportare, in qualunque momento senza preavviso, modifiche ai prodotti.*
*Warning: Isomec reserves the right to carry out modifications to the products at any time and with no prior notice.*
*Achtung: Isomec behält sich das Recht vor, jederzeit ohne vorherige Ankündigung, Änderungen der Produkte vorzunehmen.*






| Comportamento acustico - Acoustic behaviour<br>Akustisches Verhalten - Performances acoustique | 50 mm | 60 mm | 80 mm | 100 mm | 120 mm | 150 mm |
|---|---|---|---|---|---|---|
| Assorbimento acustico - Acoustic absorptio<br>Schallabsorption - Acoustic absorpion | α = 1 | α = 1 | α = 1 | α = 1 | α = 1 | α = 1 |
| Isolamento acustico - Acoustic insulation<br>Schalldämmung - Acoustic insulation | RW = 36 dB | RW = 36 dB | RW = 36 dB | RW = 36 dB | RW = 36 dB | RW = 36 dB |

| ISOFONO 5G | Standard | A richiesta – On demand - Auf Anfrage - Sur demande |
|---|---|---|
| Finiture esterne - External finishing<br>Aussen Profilierung - Finition extérieure | 5G | - |
| Finiture interne - Internal finishing<br>Innen Profilierung - Finition intérieure | Diametro fori – Hole diameter - Lochdurchmesser - Diamètre du trous: 3 mm<br>Passo fori – Hole span - Löcherabstand - Espacement des trous: 5 mm<br>% Lamiera forata - % perforated sheets - % des gelochten Stahlbleches - % Tôles perforées: 15% | |
| Materiali - Metal sheet - Metallblech - Tôle | Acciaio-Steel-Stahl-Acier EN10346/Inox EN10088<br>Alluminio - Aluminium EN485 | Granite-Color Farm/Plastisol/Aluzinc<br>HDX/Z150 - 275 - PET - PVDF - PVC |
| Isolanti - Insulating - Isoliermaterial - Isolant | Lana Minerale - Mineral wool - Mineralfaser - Laine de roche | |

**Proprietà meccaniche Acciaio, Tolleranze dimensionali - Mechanical Properties Steel, Dimensional tolerances**
**Mechanische Eigenschaften Stahl, Messtolleranzen - Propriétés mécaniques Acier, Tolérances dimensionnelles**

| S (mm) | Peso - Weight Gewicht - Polds (kg/m²) 0,6 + 0,6 mm | K (W/m²K) | L (m) | 0,5 + 0,5 mm L | | | | | | 0,6 + 0,6 mm L | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1,50 | 2,00 | 2,50 | 3,00 | 3,50 | 4,00 | 1,50 | 2,00 | 2,50 | 3,00 | 3,50 | 4,00 |
| 50 | 14,30 | 0,85 | Portata Max Load Tragfähigkeit Surcharge Portee P=kg/m² | 180 | 130 | 90 | 60 | | | 205 | 145 | 105 | 70 | | |
| 60 | 15,30 | 0,70 | | 220 | 145 | 100 | 75 | | | 240 | 170 | 120 | 90 | 70 | |
| 80 | 17,30 | 0,53 | | 250 | 180 | 135 | 95 | 75 | | 275 | 200 | 150 | 115 | 90 | 75 |
| 100 | 19,30 | 0,42 | | 260 | 190 | 150 | 120 | 90 | 70 | 300 | 225 | 170 | 135 | 100 | 85 |
| 120 | 21,30 | 0,35 | | 290 | 220 | 160 | 130 | 100 | 85 | 330 | 250 | 190 | 155 | 120 | 100 |
| 150 | 24,30 | 0,29 | | 300 | 225 | 165 | 150 | 115 | 95 | 340 | 260 | 200 | 170 | 130 | 110 |

*I dati riportati sono puramente indicativi. Rimane responsabilità del progettista effettuare le verifiche necessarie.*
*Technical datas are to be considered as purely indicative. They can not replace the project calculation made by a qualified technician who will apply the rules in force in the reffering market.*
*Alle Daten sind indikativ. Es bleibt in der Verantwortung des Planers, während der Berechnungphase, die Nötigen Prüfungen durchzuführen.*



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**Contatti - Contacts**
**Kontakte - Contacts**

Viale del lavoro 19, Z.I. Paludi
32016 Alpago (BL)
Ph. +39 0437 989105
Fax +39 0437 989198
www.isomec.it

**Mail:**

Informazioni - Information:
Informationen - Informations:
isomec@isomec.it

Vendite - Sales:
Verkauf - Ventes:
commerciale@isomec.it

Logistica - Logistics:
Logistik - Logistique:
spedizioni@isomec.it