



ISOLMANT INCOLLAFACILE

AIRBORNE SOUND| CLADDED WALL INSULATION

VACUUM SEALING ADHESIVE SPECIFICALLY DESIGNED FOR BONDING AND SEALING PLASTERBOARD PANELS, WHETHER PLAIN OR LAMINATED.

WHAT IS ISOLMANT INCOLLAFACILE?

Isolmant Incollafacile is a high-performance MS polymer-based elastic sealing adhesive with vacuum effect. It offers excellent grip on most materials. It replaces mechanical fixing and is also an ideal solution for gluing heavy objects. Specific for gluing any type of plasterboard, ideal for glueing Isolspace panels.

SPECIFIC APPLICATIONS

Isolmant Incollafacile is the specific product for the adhesive application of IsolGypsum coupled sheets, suitable for gluing any type of plasterboard sheet (effect 1 cartridge per sheet (approx. 1.2 m x 2.0 m).

It can also be used for the following installations:

- Mounting and sealing insulating panels, frames, partition walls.
- Mounting mirrors.
- Head sealing and overlapping between sheets, profiles and frames.
- Gluing wooden panels and profiles, including painted ones, rigid PVC plastic laminate, metal frames and structures.
- Gluing ceramic tiles, stairs, shelves and corner profiles.
- Gluing overlaps between metal sheets or between metal elements and other surfaces on which welding or other mechanical fixings are not possible in buildings, means of transport, metal carpentry.

ADVANTAGES

- High initial grip of 250kg/10 cm².
- Very good adhesion to most materials such as concrete, brick, wood, aluminium, iron, stainless steel, copper, plasterboard and most plastics.
- Free from solvents, isocyanates and silicones.
- Good adhesion even on damp substrates.
- It does not run in vertical joints.
- It can be overpainted with most epoxy, polyurethane or water-based paints.
- Non-corrosive.
- Good resistance to water, aliphatic solvents, mineral oils, fats, diluted acids and alkalis.
- Resistant to ageing, UV radiation and weathering and suitable for both indoor and outdoor applications.
- Flexible at low (-40°C) and high (+100°C) temperatures.

ISOLMANT INCOLLAFACILE TECHNICAL SPECIFICATIONS

ESSENTIAL MATERIAL:	Hybrid MS polymer
CONSISTENCY:	Pasty
OPERATING TEMPERATURE:	+5°C / +30°C
COLOURS:	White
SPECIFIC WEIGHT:	1500 ± 30 kg/m ³
SHORE A HARDNESS (ISO 886):	55± 5
100% MODULE (ISO 8339):	1.0± 0.3 Mpa
BREAKING LOAD (ISO37):	200 ± 50 %
ELONGATION AT BREAK (ISO 8339):	150 % ± 50 %
TENSILE STRENGTH (ISO 37):	2,3 ± 0,3MPa
SKIN FORMATION:	15 min. approx. (20°C 50% R.H.)
CURING SPEED:	2/3 mm at 24 h. (20°C 50% R.H.)
CE MARKING:	<p>Harmonised standards for CE marking are NOT currently available for acoustic insulation products.</p> <p>This means that Isolmant products are currently NOT subject to CE marking, nor to the drawing up of a PDO (declaration of performance) or DDP (declaration of performance). All Isolmant products are placed on the market in compliance with the regulations in force in the country of destination and with the necessary certifications to guarantee their use in dedicated applications.</p>
PACKAGE:	Cartridge 290 ml, box of 24 cartridges

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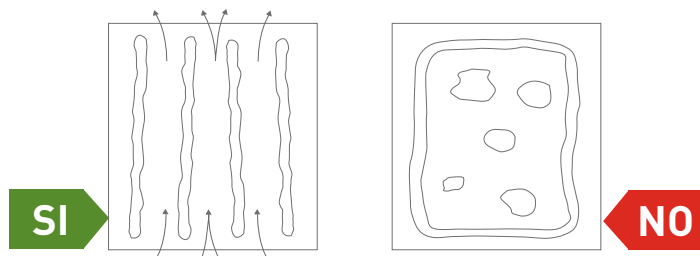
Adhesion and surface preparation. Isolmant Incollafacile has excellent adhesion without the use of primer on degreased steel, galvanised steel, anodised aluminium, aluminium, anodised surfaces in general, concrete, wood, glass and vitrified surfaces, ceramics, polyester and PVC. Please note that in the presence of humidity or porous surfaces, adhesion can be improved by applying a suitable primer.

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Installation. When used as an adhesive, Isolmant Incollafacile can be applied with a special gun on only one of the surfaces to be bonded. Gluing using a little pressure should be carried out within 10-15 minutes of application. In order to allow for regular curing and to take full advantage of the adhesive and cohesive properties, the thickness after pressing should not be less than 1-2 mm. When gluing large surfaces, the adhesive can be applied discontinuously in parallel beads 20-40 cm apart and around the perimeter, in a suitable section to fill in any irregularities. Since curing is achieved by humidity, to speed up the process, especially when gluing non-porous materials, the parts can be moistened by spraying with water before assembly. Join within 5 minutes by applying adequate pressure. If necessary, keep the glued parts under pressure until the adhesive has developed a grip. When used as a sealant, it is recommended that it is only used in joints subject to moderate movement. If the joints are very deep, a non-stick filler material must be inserted into the bottom. Apply a continuous bead, exerting adequate pressure against the walls and avoiding entrapment of air. Finish with wet trowel.

3

Storage stability. 12 months (290 ml cartridge) from the date of manufacture when stored in a dry place at temperatures between +5°C and +25°C. If used as an adhesive, always apply the sealant in narrow vertical strips (approx. 10 mm), at a distance of approx. 20 cm, directly from the cartridge with the hand gun or pneumatic gun (fig 1).



WARNINGS:

*This data sheet does not constitute a specification and, if it consists of several pages, please ensure that you have consulted the complete document. Although these instructions are the result of our best expertise they are indicative. The user should establish whether the product is suitable for its intended application. The user will be also in charge of all the responsibility for the use of the product itself.

**The sound insulation values given in this technical data sheet are the result of laboratory tests or tests carried out on site: they cannot be considered a predictive value for every situation that may occur on site. Acoustic performance is closely linked to the specific conditions of each site.

***Caution: do not expose the product to direct sunlight.

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