

Product information:

I-Wood Montagelim

Construction adhesive free from solvents, phthalates and isocyanates developed for installation of I-Wood acoustic panels and other traditional construction work.

Product description & use:

I-Wood Assembly glue is a neutral, odorless, moisture-curing assembly glue, free of solvents, isocyanates and phthalates. Forms a strong and at the same time elastic adhesive joint that can absorb movements between building parts.

I-Wood Assembly glue can be used outside and inside, on walls, ceilings and floors. Particularly suitable for gluing I-Wood acoustic panels. But also other gluing jobs where a strong glue joint is required

I-Wood Mounting glue adheres to a wide range of materials; wood, glass, concrete, brick, fiberglass, most painted surfaces, most metals and certain types of plastic and rubber.

I-Wood Assembly glue has excellent resistance to climatic influences.

Physical / chemical data:**Uncured adhesive:**

Type:	Moisture curing, neutral Silane Modified Polymer (SMP), 1-component
Fungicidet :	No
Consistency:	Thixotropic
Shelf life:	2 years in unopened packaging at dry and cool storage.
Packaging:	300mL, White

Cured adhesive:

Paintable:	Yes.
Hardness:	app. 45 Shore A (ISO 868)
Tensile Strength:	2,0 N/mm ² (ISO 37)
Elongation at break:	300 % (ISO 37)
Climatic resistance:	Temperature: ca. -40 °C to +90 °C UV and water resistance: good

Instructions for use:

Preparation of materials:

The adhesive surfaces must be clean, dry, free of release agent, grease, dust and loose particles. I-Wood Assembly glue can be used on surfaces such as brick, concrete, eternit, wood, glass, most metals, most painted surfaces as well as several plastic and rubber types.

Since in practice there may be variations in the individual materials, there should always sufficient adhesion tests are carried out before starting - especially large tasks. Powder-coated surfaces should be sanded to a matt finish before gluing.

Application temperature:

Can be applied at temperatures from +5 °C to +40 °C.

Application:

I-Wood Assembly glue is applied in glue strands to the substrate or material at a maximum distance of 60 cm, depending on strength requirements. See I-Wood assembly instructions.

Range:

5-6 panels or 3-5m²/cartridge, depending on dimensions and strength requirements.

Installation time:

Install within 4-8 minutes after applying adhesive strands.

Assembly:

The items are carefully pressed together.

When setting up heavy objects, or in connection with special assembly tasks, it may be necessary to support or otherwise hold the materials in place until the glue has hardened.

Setting up acoustic panels: I-Wood assembly glue is applied as glue strands to the back of the panel, after which the panels are placed as close as possible to their final location. The sheets are carefully pressed into place and in many cases can then hold themselves while the glue hardens.

Curing:

The glue joint hardens with approx. 2 mm/day depending on humidity and temperature.

Cleaning:

Tools are cleaned - and glue is removed with Dana Glue Wipes Sensitive 915 or turpentine. Hardened sealant can only be removed mechanically. Wash hands and skin with soap and water..

Safety:

Please refer to the material safety data sheet.

The information and data contained in this Product Information sheet are based on extensive laboratory testing and our practical experiences and are meant for helping the user to find optimum working methods. As the conditions at the user are beyond our control, we make no warranties concerning the results, achieved by the products. The information's in this Product Information sheet are typical values, intended as a guideline. They should not be regarded as product specifications. Please also refer to our standard sales conditions and terms of delivery