

CAT. No. ADH-15-2011

GRIPWOOD

High Strength Waterproof Wood Adhesive

GRIPWOOD is an one component solvent-free, liquid, resin-based high strength, insulating adhesive especially formulated for bonding wood of all types. It can also be used for bonding polystyrene and polyurethane insulation board to concrete and other mineral substrates. It is **WATERPROOF** and has excellent moisture barrier properties.

USES

GRIPWOOD is used to bond:

- Wood of all types (solid wood, parquet, planks, plywood, laminated floorings, multiple-ply engineered, etc). It will bond to concrete, terrazzo, exterior grade plywood, particle or chipboard, cement-based leveling compounds (ISOFLO), and radiant heated sub floors.
- Polystyrene and polyurethane insulation boards.

ADVANTAGES

- Waterproof and permanently flexible. Especially suited in wet / high humidity areas such as bath rooms, sauna.
- Superior adhesive strength.
- High solids, solvent-free, ambient curing.
- Wide range of service temperature (from -45°C to +175°C). Suitable in sub floor heating system.
- Flash (standby) time not required. Fast installation.
- Interior and exterior applications.
- One component, ready to use. Non-flammable.
- Long open time, low odor.

Slightly foams to reduce the risk of gaps / hollow spots on uneven surface.

SPECIFICATIONS

GRIPWOOD Conforms with the most stringent requirement of BS EN 204 - Durability class D4, conditioning sequence number 6 (interior use with frequent long-term exposure to running or condensed water. Exterior use exposed to weather but with adequate protection by a surface coating).

TYPICAL PROPERTIES

- | | |
|---|---------------------------------------|
| • Appearance | Liquid, dark brown color. |
| • Solids by mass | 99 % |
| • Viscosity | 42 poise. |
| • Elongation at break | 40 % |
| • Open time @ 35/25°C | 45/90 minutes. |
| • Drying time (100microns wet film on glass at 25°C /55 % RH) | |
| - Touch dry..... | 4 - 5 hours. |
| - Hard..... | 10 hours (initial); 24 hours (final). |

(**NOTE:** drying time will be influenced by ambient temperature. Longer at low temperature, and shorter at higher temperature).

- Tensile shear strength (Lap joints), BS EN205.....+8N/sq.mm.

DIRECTIONS FOR USE

SURFACE PREPARATION

Wood:

Must be clean and free from dirt, sealers, coatings, residual adhesives, etc. Surface must be plane and level. Lightly abrade with emery paper. Finally, clean substrate with a cotton cloth moistened with clean water.

Concrete / Mineral Substrates:

Must be clean and free from dirt, sealers, oil, laitance, curing compounds, etc.

APPLICATION

Apply the adhesive using a palette knife or paint brush. Avoid excessive adhesive thickness. When bonding wood to wood, it is advisable to apply the adhesive on both surfaces at a thickness of 100 microns. Press and or clamp the two surfaces for at least four (4) hours.

CLEANING

During installation, remove any excess adhesive from the surface with a cloth dampened with ISOKLEEN. Clean tools with ISOKLEEN before adhesive cures.

PACKING / COVERAGE

GRIPWOOD is packed in 5 kg metal pail and will approximately cover 31 to 47 square meters at 150 and 100 microns respectively.

SHELF LIFE

One (1) year in original, unopened container stored in warehouse condition below 30^o Celsius.

NOTE: after using, keep the container tightly closed, as the adhesive will harden when exposed to air.

HEALTH / SAFETY

Always wear protective clothing, eye goggles, and rubber hand gloves when using. Avoid skin contact. Accidental spills to the skin should be washed immediately with soap and water. Accidental spills to the eyes should be washed immediately with water. If irritation persists, consult a physician. Always provide adequate air ventilation in the work place. Avoid inhalation of vapors. May cause sensitization by inhalation and skin contact.

Revised: 15.01.2023

Technical information, data are to be considered as typical values and not sales specification. Actual measured values may vary due to factors beyond our control. Indications concerning function and application of the products are empirical. Although the information is believed to be accurate, there is no warranty by ISOLA. None of the recommendations becomes part of the warranted quality of the products. Due to the fact that the conditions of individual use are beyond ISOLA's direct and continuous control, ISOLA disclaims all responsibility in connection with the use of its products and does not warrant against any loss direct or consequential

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