

JACKODUR® Assembly adhesive

JACKODUR® Assembly adhesive is a single-component polyurethane-based adhesive that is free of solvents. It is a paste substance that smooths over uneven surfaces. Reaction with moisture causes it to harden.

Application:

JACKODUR® Assembly adhesive is suitable for universal application. It can be used, for example, to bond:

- Insulating elements (expanded polystyrene, PVC, PU, etc.)
- Wood and timber materials (particle board, plywood, etc.)
- Metals (aluminium, stainless steel, galvanised steel, copper, etc.)
- Plastics (U-PVC, GRP, etc.)
- Stone, ceramics
- Fireproofed construction boards (gypsum plasterboard, etc.)
- Users should always perform a test application prior to use



Technical data:

| | |
|---|--|
| Viscosity (23°C) | stable, past substance |
| Recommended wood moisture content | ~ 8 – 16% |
| Functional hardness at +20 °C | approx. 10 minutes, depending on the application |
| Temperature stability | -30 °C to +110 °C |
| Application temperature | from 0 °C |
| Skin formation time (dry +20 °C, 50% rel. hum.) | ~ 3 minute |
| Hardening speed (+20 °C, 50% rel. hum.) | about 1 mm in 24 hours |
| Storage and transportation | +15 °C to +25 °C – store in a frost-free and dry location, away from direct sunlight |
| Storage stability | 15 months in unopened original packaging |

**While transported within the usual transport times, the product may be exposed to temperatures from -30 °C to +35 °C.*

Attention:

JACKODUR® Assembly adhesive is not suitable for gluing mirrors nor for bonding glass, raw aluminium, polyethylene (PE), polypropylene (PP), polyamide (PA), polytetrafluoroethylene (PTFE), silicone, waxen and bituminous surfaces, etc.

Installation instructions:

- Depending on the material surface, check whether the bonding result can be improved by sanding or using a primer
- The surfaces of the work pieces to be connected must be dry, free of dust and grease and clean
- Apply JACKODUR® assembly adhesive in strands
- After joining, fix/press the parts until functional hardness has been achieved
- Sprinkle JACKODUR® assembly adhesive with water to accelerate the hardening process or bonding non-absorbent materials together
- Glue together as long as the JACKODUR® assembly adhesive is still moist (max. 1.5 minutes after moistening)
- Immediately remove any adhesive residue, it is only possible to remove hardened adhesive residue mechanically
- Bonding aluminium, copper, brass: Only suitable for chemically pre-treated or painted surfaces; the permanent and non-ageing bonding of these materials is not possible without appropriate pre-treatment of the adhesive surfaces.
- The long-term bonding properties of materials with differing linear expansion characteristics must be evaluated, especially when subjected to loads in alternating temperature ranges
- Observe the hazard information and safety advice on the cartridge and the safety data sheet

Important notes:

The information provided in this leaflet is based on our knowledge and experience to date. It does not constitute a guarantee in any legal sense. When using this product, please always bear in mind the circumstances of the particular intended application, especially with regard to physical, technical and legal construction issues.

As from 24. August 2023 adequate training is required before industrial or professional use.

JACKON Insulation GmbH

Carl-Benz-Straße 8
D-33803 Steinhagen

T +44 (01204) 221 089
F +44 (01942) 253 711

E info@jackodur.co.uk
W www.jackon-insulation.co.uk

JACKON
by BEW