

FAST & EXTREME

ADHESIVE WITH EXTREME INITIAL TACK FOR FAST BONDING OF HEAVY OBJECTS

Professional super-quality montage adhesive created on the basis of the innovative POWER-BOOST technology, with immediate initial bonding strength and exceptional mechanical properties after curing.



PROPERTIES

- Universal adhesive with high initial bonding strength: 500 kg/m².
- For indoor and outdoor use.
- Excellent adhesion to: concrete, marble, granite, ceramics, brick, steel, iron, aluminium, glass, PVC, polyester, cork, sheet metal, wood, etc. ... [not suitable for PE, PP, PTFE].
- Good extrudability even at low temperatures.
- Does not slump in vertical joints.
- Good adhesion to wet surfaces, except wood.
- Excellent mechanical properties and high hardness.
- Achieves waterproof and airtight joint.
- Vibration tolerant.
- Environmentally friendly; solvents, isocyanate and silicones free.
- Chemically neutral adhesive, does not damage the surface.
- It does not cause corrosion, it is anti-corrosion protection.
- Odourless.
- Can be overpainted, solvent-based coatings are not recommended.
- No volume change during curing, no shrinkage.
- Resistant to weathering, UV light and aging.
- Chemical resistance.
 - good: water, aliphatic solvents, mineral oils, fats, dilute inorganic acids and bases;
 - poor resistance or no resistance to: aromatic solvents, concentrated acids, and chlorinated hydrocarbons.
- Colour: white.

TESTS AND CERTIFICATES

EMICODE EC 1 PLUS

emissions

AREA OF USE

- Bonding and assembling various, even heavier materials, without additional fastening.
- Elastic bonding of parts of structures subject to vibration.

TEHNICAL DATA

Fresh adhesive

Base:

hybrid MS-polymer

Appearance:

paste

Curing mechanism:

with air humidity

Specific gravity:

1610 ± 20 kg/m³

Skin formation time:	23 °C/50 % rel. humid.	7 ± 3 min
Curing time:	23 °C/50 % rel. humid.	2-3 mm/day
Application temperature:		from +5 °C to +30 °C

Cured adhesive

Hardness Shore A:	ISO 868	55 ± 5
Loss of volume:	ISO 10563	< 1,5 %
Tensile strength:	ISO 37	2,2 ± 0,3 MPa
Elongation at break:	ISO 37	150 ± 50 %
Temperature resistance:		from -40 °C to +90 °C

INSTRUCTION FOR USE

- Apply the adhesive directly from the cartridge.
- The surfaces to be bonded must be solid, clean, non-greasy and dust-free.
- The surfaces to be bonded may be slightly damp.
- To improve adhesion to certain surfaces, apply an appropriate primer.

Adhesive bonding procedure:

- Apply the adhesive in a line [air humidity access must be provided].
- Place the object to be bonded in the desired place no later than 5 minutes after applying the adhesive.
- The adhesive has a good initial adhesion as early as 2 seconds after attachment. Loading is possible after 48 hours.
- Uncured adhesive can be cleaned with alcohol and hardened adhesive can only be removed mechanically.

PACKAGING

- 290 ml cartridge

STORAGE

- 15 months in dry and cool places at a temperature between 5 °C and 25 °C in the original sealed packaging.

HEALTH, SAFETY, HANDLING AND DISPOSAL INFORMATION

Additional safety information, safe handling instructions, information on personal protective equipment, and disposal information can be found in the safety data sheet. The safety data sheet is available on request. You can also obtain a copy from your TKK sales representative.

WARNING

The instructions are based on our tests and practical experience. However, due to specific conditions and working methods we recommend preliminary tests for each application.



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