

1. Product Description

Product description	: SOMAFIX PU MONTAGE CLEAR BOND is one part, moisture curing polyurethane based construction adhesive
Product form	: Mixture
Trade name	: SOMAFIX PU MONTAGE CLEAR BOND
Use of the substance/mixture	: Adhesives, sealants
Recommended use	: Industrial use Professional uses Consumer use
Type of product	: Adhesives, sealants

2. Characteristics

Characteristics	: Solvent-free Outstanding resistance to water, heat and weathering conditions Water resistance D4 class according to EN 204 standard
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3. Application

- Variety of materials can be bonded without nails and screws
- Powerful bonding of wood products; chipboard, plywood, staircase renovation, corner connections in metal door, fire proof fibreboard and plasterboard, mouldings, doors and window frames, plaster mouldings, cornices, ceiling accessories, wooden wardrobes, bonding and insulating of expanded polystyrene and polyurethane sheets, windows, facades, stones, natural stones, bricks and ceramics, aluminium, stainless steel galvanised steel, copper, PVC and reinforced plastics

4. Application Instructions

- Application temperature is between +5 °C to +40 °C.
- Substrates must be clean
- PU adhesive can be squeezed out through a cartridge nozzle
- It requires moisture in order to cure
- The adhesive should therefore be applied in bead form to moisture impermeable substrates, or else these should be moistened prior to bonding

5. Technical Specifications (@ 23 °C 50% RH)

Physical state	: Solid
Chemical Basis	: Polyurethane.
Appearance	: Paste.
Colour	: Translucent
Odour	: characteristic
Curing System	: Moisture
Skin Forming Time	: 8 – 10 minutes
Complete Curing Time	: 24 h
Density	: 1.13 g/cm ³ ±0,03 @23°C
Viscosity, dynamic	: Thixotropic paste
Viscosity, kinematic	: Not applicable
Flash point	: Not applicable
Thermal Resistance	: -40 – 80 °C
Application Temperature	: 5 → 40 °C

6. Packaging

Packaging : Original packaging

Colour : Transparent.

Cartridge 310 ml	Package 24 pcs/ctn
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7. Shelf Life and Storage

Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Storage temperature : 5 → 35 °C

Cartridge 310 ml	12 months (after production date if stored at room temperature)
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8. Health and Safety

Adverse physicochemical, human health and environmental effects : Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Harmful if inhaled. May cause respiratory irritation. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

First-aid measures general : IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

Symptoms/effects after inhalation : May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye irritation.

Other medical advice or treatment : Treat symptomatically.

Hand protection : Protective gloves

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : [In case of inadequate ventilation] wear respiratory protection.

9. Remarks

Remarks : For further information, please refer to the Safety Data Sheet

10. Standards and Certificates

Standards and Certificates : D4 (EN 204)
WATT 91 (DIN EN 14257)

Technical Data Sheet

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