



THE EDGE
ON SAFETY



Technical Data Sheet

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Product Description

TREDLOCK is an elastic, single component adhesive for indoor and outdoor use.

Curing System

Neutral

Special Properties

- elastic adhesive based on hybrid polymer technology
- fast curing
- low odour formulation, not corrosive
- ageing and weather-resistant, good UV resistance
- Can be used on damp substrates.
- Compatible with paints (DIN 52452-4).

Fields of Application

- For adhesion to concrete, pre-cast stairs, ceramics, wood and metal substrates.
- Not suited for plastics with in general poor adhesion to silicones (eg PE, PP, PET).

Yield

Metres of adhesive per 290ml cartridge for a standard 43mm insert profile:
5 mm bead = approx. 12 m

Colour

Grey

Packaging

290 ml cartridge

Usage Instructions

Substrate Pretreatment

The substrate must be dry, firm, and free of dust and grease (clean with isopropanol, if necessary). Porous substrates (e.g. concrete, plasterboard and untreated wood) must be primed. Before primer application, remove any cement slurry, mold release agents or impregnations. In renovation projects, old sealant, remains of paint and loose material must be fully removed. On coated substrates (paints, lacquers), compatibility to the sealant must be tested.

Bonding Applications

At least one of the substrates involved should be water-permeable (concrete, wood). Apply adhesive as a bead to the substrate. Fix work piece to be bonded with slight pressure to the substrate. Remaining thickness of adhesive should be at least 2mm. For application to non porous substrates an even mist of water must be applied prior to fixture to the substrate. Refer to installation instructions.

Important Notes

- The function of the adhesive can only be guaranteed if correctly applied in accordance with the installation instructions.
- If the steps are untreated wood the stairs must be primed or varnished prior to the application.
- On powder-coated substrates, adhesion has to be tested carefully, since it can be affected negatively depending on the coating used (may even vary for different colours of the same brand of powder coating).
- TREDLOCK is a quick dry adhesive which results in a fast skin formation time. Any issues relating to skin formation can be avoided by following the provided installation instructions.
- Where there are any concerns around the cleanliness of the substrate, i.e in areas of high traffic, where cleaning products may have been used, or in environments where food residue may be tread, these areas should be cleaned with Isopropyl Alcohol or equivalent first and allowed sufficient time to dry prior to application.

Technical Data

Base	MS Polymer
Curing System	Moisture Cure
Skin forming time app. (20°C/50% RV)	<10 min
Application temperature (adhesive and substrate)	-40°C to +140°C
Cure Rate (within first 24 hours)	≥2.85mm
Shore A Hardness	48-52
Green Strength	+300Pa
Shelf life	18 months
Colour	Grey

These values may vary depending on environmental factors such as: temperature, moisture and type of substrates. Rate of curing depends on temperature and humidity. The data given refer to tests at standard conditions, a 5 x 5 mm joint will be light traffic ready in one hour.

Data given were determined shortly after production, and may slightly vary with increasing age of product. They are not meant for specification purposes.

For safety data, see Safety Data Sheet. Take all measures resulting from the safety data sheet and hazard markings to prevent accidents and protect health.

Information given in this data sheet is based on the current state of knowledge. This does not exempt the purchaser from carrying out his own careful inspections of incoming goods in individual cases. We reserve the right to make changes to the product data in the course of technical progress or due to operationally related further development. Owing to factors beyond our control during application, recommendations given in this data sheet require tests and experiments by the customer. Our recommendations do not exempt the customer from the obligation to check any infringements of third-party rights himself and eliminate them if necessary. The suggestions for product use are not equivalent to a warranty of its suitability for the recommended purpose.

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