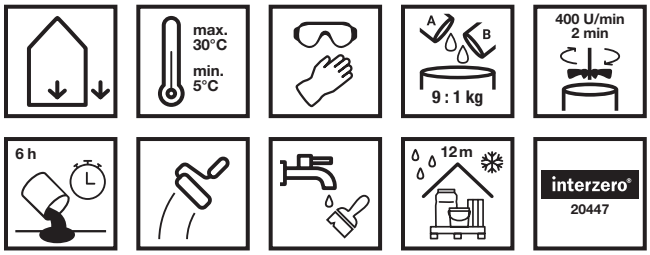
HADALAN® Topcoat M 12P

Polyurethane dispersion sealant, matt



These pictograms apply to the **basic product**.
Deviations are possible depending on the area of application and processing.

PRODUCT INFORMATION

Description

HADALAN® Topcoat M 12P is a 2-component lightfast polyurethane resin. Once fully cured, the result is a transparent, matt protective coating with good abrasion resistance.

Application

- Protective lacquer for chipped surfaces
- primer and protective coating for mineral, absorbent substrates, mastic asphalt and anhydrite screed

Operational area

- rigid reaction resin coatings
- Concrete and screed surfaces
- mastic asphalt indoors

Place of use

- for interior and exterior use
- in floor areas

Properties

- 2-component
- breathable
- matt surface
- lightfast
- solvent-free

Technical Data

Available container sizes	5 kg/set
Component A	4.5 kg
Component B	0.5 kg
Colour	transparent, matt
Density, ready to use	approx. 1.05 kg/l
Mixing viscosity	approx. 2,0 dPa·s
Processing temperature	+5°C to +30°C
Processing time	approx. 6 hours [1)]
Drying time	dust-dry after approx. 1 hour [1)]
Walkability	can be carefully walked on after approx. 4 hours [1)]
Revisability	after 6 – 48 hours [1)]
Abrasion loss (according to Taber)	0.039 g (roll CS 10, 1000 U, 1000 g)
Consumption	approx. 0.1 – 0.15 kg/m² for non-absorbent substrates per application approx. 0.15 – 0.25 kg/m² for absorbent substrates per application
Storage	frost-free, 12 months

[1)] At +20 °C and 60 % relative humidity

Chemical resistance* based on DIN EN 13529

	Resistance over a period of:			
Test medium	24 hours	4 days	8 days	28 days
Acetic acid 10 %				
Sodium hydroxide 5 %				
Ethanol				
Xylene				
Hydrochloric acid 5 %				
Sulphuric acid 5				
Diesel oil				
Slurry test liquid A				
Slurry test liquid B				

*The chemical resistance depends on the concentration, the temperature and the exposure time. Soiling must be removed immediately.
Even with positive chemical resistance, changes to the surface, such as loss of gloss or discolouration, may occur. However, this does not affect the functionality of the material used.

SUBSTRATE

Properties/tests

- The substrate must be dry, load-bearing, clean, dust-free and free of adhesion-reducing residues, release agents, efflorescence and sintered coatings.
- There is a risk of condensation forming on the substrate surface in the event of significant temperature changes in conjunction with increased humidity. The substrate must be completely dry before starting the coating work. Otherwise, coating damp surfaces may result in peeling or irritation of the material surface.

Preparation

- For priming mineral, absorbent substrates, HADALAN Topcoat M 12P is diluted with 10 % water.

AREAS OF APPLICATION AND PROCESSING

Applying

- Allow curing component to flow completely into the main component.
- Then repot into a clean container and intermix thoroughly again.
- HADALAN Topcoat M 12P is applied to the substrate with a mohair roller in a thin cross-coat.
- The specified consumption quantities must be observed. Excessive application quantities can lead to irritation of the material surface.

Drying / Follow-up work

- The surfaces can be carefully walked on after 4 hours, recoated after 6 hours and fully loaded after 5 days.

NOTES

Cleaning

- Clean all tools and equipment with water immediately after use.
- Hardened material can only be removed mechanically.

System products

- HADALAN® Floor coating systems

To be observed

- Maintain a processing temperature of +5 °C to +30 °C.
- The substrate to be coated must be surface dry.
- High temperatures accelerate, low temperatures delay the solidification and curing process.
- The application distances for multi-layer coatings must be observed.
- Observe the consumption specifications. Increased layer thicknesses or puddle formation can lead to detachment or irritation of the coating surface.
- Do not use under permanent load from car tires.
- The substrate temperature must be at least 3 °C above the dew point temperature during application and curing.
- Irritation may occur on the surface in the event of uneven application thicknesses, draughts and large temperature differences.
- To keep traces of use as small as possible, we recommend fitting felt glides or similar under moving furniture parts such as tables and chairs and using floor protection mats under office chairs.

Ingredients

- Polyurethane resin
- additives

Occupational safety / Recommendation

- Further information on safety during transportation, storage and handling can be found in the current safety data sheets.

Disposal

- The following applies to all systems: Only return empty containers to recycling partner Interseroh. Allow container to air for at least 24 hours once fully emptied. Cured material residues can be disposed of in accordance with EWC code no. 08 01 11 (paint and varnish waste containing organic solvents or other hazardous substances).

Producer

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The statements are made based on extensive tests and practical experiences. They cannot be applied to every application case. Therefore, we recommend carrying out application trials if necessary. Subject to technical changes in the course of further development. Furthermore, our General Terms and Conditions of Business apply.