



DISBON 405 Klarsiegel

Waterborne, transparent polyurethane-dispersion sealer for smooth or slip-resistant dispersion based interior floor coatings sprinkled with chips.

Product Description

Field of Application	Transparent, silk gloss protective sealer for dispersion based interior floor coatings sprinkled with chips, such as DISBON 400 BodenFinish and DISBON 404 Acryl-BodenSiegel. Do not use on surfaces subjected to mechanical stress caused by wheeled traffic and surfaces with permanent water loads or wet conditions.
Material Properties	<ul style="list-style-type: none"> ■ Emission-minimised ■ Tested for harmful substances by technical control board (TÜV) ■ Easy to clean ■ Abrasion resistant ■ Stain-resistant

Tested & approved according to AgBB testing criteria for VOC emissions from building material that is used for interior work. The criteria of AgBB (Ausschuss zur gesundheitlichen Bewertung von Bauprodukten; Commission for the sanitary evaluation of building material) are elaborated by the ecological and sanitary authorities for the use of building material in "delicate/sensitive" areas, as e.g. lounges.

Material Base / Vehicle	Modified polyurethane dispersion
Packaging/Package Size	2.5 l, 10 l plastic bucket
Colours	Transparent.
Gloss Level	Silk gloss
Storage	Keep in a cool, dry and frost-free place. Shelf life of the original, tightly closed packaging: Minimum 1 year. If temperatures are low, the material should be stored at 20 °C before application.
Technical Data	<ul style="list-style-type: none"> ■ Density: approx. 1.1 g/cm³ ■ Dry film thickness: approx. 42 µm/100 ml/m² ■ Resistance-count for diffusion µ (H₂O): approx. 4,000 ■ Ultimate elongation to DIN 53504: approx. 70 %

Application

Suitable Substrates	Bonded dispersion based floor coatings, e.g. DISBON 400 BodenFinish and DISBON 404 Acryl-Boden-Siegel. The substrates must be dry, sound, dimensionally stable, solid and free from dust, oil, fats/greases, skid marks and all materials that may prevent good adhesion.
Substrate Preparation	Prepare the substrate in order to meet the above listed requirements by suitable measures, such as thorough sweeping and aspiration (particularly for surfaces sprinkled with chips).
Preparation of Material	The material is ready for use. Stir thoroughly before application.
Method of Application	Use a short-fibre paint roller.

Surface Coating System

Smooth surface

Generously apply crosswise one or two uniform coats of DISBON 405. To avoid visible lapping, the application on connected surfaces should not be interrupted.

Slip-resistant surface

Stir 3 % by weight of DISBON 947 Slidestop thoroughly into DISBON 405 then apply it as described under "Smooth surface". Stir once again between longer breaks.

Consumption

Smooth surface	
DISBON 405 Klarsiegel	approx. 130–150 ml/m ²
Slip-resistant surface	
DISBON 405 Klarsiegel	approx. 130 ml/m ²
DISBON 947 SlideStop Fine	approx. 4 g/m ²

The exact rate of consumption is best established by a trial application on site.

Application Conditions

Material, atmospheric and substrate temperature:

Min. 5 °C, max. 30 °C during application and drying.

Relative humidity must not exceed 80 %. Substrate temperature should always be min. 3 °C above the dew point temperature.

Drying/Drying Time

At 20 °C and 60% relative humidity, walkable or recoatable after approximately 8 hours. Ready for mechanical loads after approximately 2 days. Lower temperatures extend the drying time.

Tool Cleaning

Immediately after use and during long breaks with water or warm soapy water.

Advice

Please Note (Status as at Date of Publication)

Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. Use P2 dust filter for grinding. Do not breathe spray dust. Use A2/P2 combination filter for paint spraying. Restricted to professional users.

Disposal

Only completely emptied containers should be given for recycling. Dispose containers with residues of liquid material as remnants of water-based paints and dried material as hardened paints waste or via domestic waste.

EU limit value for the VOC content

of this product (category A/i): max. 140 g/l (2010). This product contains max. 100 g/l VOC.

Giscode

BSW30

Product Code Paints and Enamels


M-KH01 (outdated)

Further Details

See Material Safety Data Sheets (MSDS).

Follow the application references and DISBON advice for care/cleaning and maintenance of floor spaces while applying our products.

CE Labelling

	
DISBON GmbH Roßdörfer Straße 50, D-64372 Ober-Ramstadt 06 DIS-405-002983 EN 13813:2002	
Synthetic screed/synthetic coating for interior use EN 13813:SR-E _{fl} -B1,5-AR1-IR4	
Reaction to fire	E _{fl}
Release of corrosive substances	SR
Water permeability	NPD
Wear resistance	≤ AR1
Adhesive tensile strength	≥ B1,5
Impact strength	≥ IR4

EN 13813

CE labelling is based on DIN EN 13813 "Screed mortars, screed compounds and screeds – screed mortars and screed compounds – Properties and Requirements" defining the requirements for screed mortars being used for floor constructions in interiors. The standard also include synthetic resin coatings and sealing.

Products matching the above mentioned standard are to be labelled on the container with the CE mark. Corresponding information (performance record according to BauPVO) is given on our website www.disbon.de

Customer Service Centre

Tel.: +49 6154 71-71710
Fax: +49 6154 71-71711
e-mail: kundenservicecenter@caparol.de

International Distribution: Please see www.caparol.com