



Disborooof 408 Dachfarbe

Elastic and resilient pure acrylate coating for concrete roof tiles and clay bricks. Highly weather-resistant and hard-wearing.

Product Description

Field of Application	Protective surface coating for concrete roof tiles and clay bricks. Note: Disborooof 408 Dachfarbe has a preservative agent against the film coating deterioration due to algae and mildew (mould) growth. Hence, rain water collected from roofs coated with Disborooof 408 should not be used for the watering of gardens within 12 months.
Material Properties	<ul style="list-style-type: none"> ■ Highly resistant to climatic conditions and to environmental influence. ■ Gloss stable. ■ Highly elastic even at low temperatures. ■ Water vapour permeable and waterproof.
Material Base / Vehicle	Pure acrylate dispersion
Packaging/Package Size	30 kg hobbock, 15 litres plastic bucket
Colours	Anthracite, Brick Red, Dark Brown and Reddish Brown. Special color shades available on request.
Gloss Level	Gloss
Storage	Keep in a cool, dry and frost-free place. Shelf life of original, tightly closed packaging: 12 months.
Technical Data	<ul style="list-style-type: none"> ■ Density: approx. 1.1 g/cm³ ■ Solids content: approx. 37 % by weight ■ Dry film thickness: 200 - 400 µm, E4 as per DIN EN 1062 ■ Ultimate elongation to DIN 53504: > 100 % ■ Water permeability (w-value): < 0.1 kg/m² h^{0.5} Class W₃ (low) as per DIN EN 1062 ■ Water vapour permeability (sd-value): ≥ 0.14 m ≤ 1.4 Class V₂ (middle) as per DIN EN 1062

Application

Suitable Substrates	Weathered (aged minimum 10 years) absorbent concrete roof tiles and engobed or glazed clay bricks. <div style="border: 1px solid black; padding: 5px;">Please Note: Modern roof tiles sometimes offer refined surfaces, e.g. dirt-repellent, self-cleaning surfaces. Previously applied trial coatings (test areas on site) on such surfaces are essential for check of proper adhesion.</div>
Substrate Preparation	Before coating, replace or repair damaged roof tiles and sealing materials as well as defective joints and connections by an appropriate roofing specialist. The roof must be sufficiently ventilated (air circulation behind the roofing). Carefully remove all organic substances, such as moss and algae, as well as loose/brittle substances and dirt by high-pressure water jet. Always work directed towards the draining pipe to avoid excessive penetration of moisture beneath the roofing material. Cleaned substrates must be solid, sound/stable/load-bearing and free from all substances that may prevent a good coating adhesion.
Preparation of Material	Stir well before use. The priming coat can be diluted to a max. of 5 % with tap (potable) water.
Method of Application	Disborooof 408 can be applied by suitable spraying equipment using an extension / spray lance (Airless, max. 150 bar, nozzle size: 0.021 to 0.025 inches).

Surface Coating System	<p>Concrete Roof Tiles: Moisten the weathered adsorbent concrete roof tiles (aged minimum 10 years) or apply two coats of Disborooof 408 directly after having completed the cleaning procedure.</p> <p>Clay Bricks (engobed & glazed): Prime the well prepared dry substrate with Disbon 481 EP-Uniprimer. After a waiting time of at least 3 hours (at 20 °C) but within max. 3 days, apply 2 coats with Disborooof 408. Allow a waiting time of min. 2 hours between the first and the second coat.</p>
Consumption	Approximately 330 - 380 ml/m ² (360 - 420 g/m ²) per coat, depending on the type and surface condition of the roofing material. Determine the exact amount of material required by coating a test area on site.
Application Conditions	<p>Material, Ambient Air and Substrate Temperature: Min. 10 °C, max. 35 °C during application and drying.</p> <p>The relative humidity must not exceed 80 %. Do not apply on strongly sun heated surfaces and when there is an imminent risk of rain or frost.</p>
Drying/Drying Time	At 20 °C and 60 % relative humidity, dust-dry after 4 hours and completely dry after approximately 24 hours.
Tool Cleaning	Clean immediately after use with water.

Please Note: Apply a trial coating on new concrete roof tiles (aged < 10 years) with Disborooof 408 or Disbon 481 EP-Uniprimer + Disborooof 408, allow to dry and check for sufficient adhesion.

Advice

German Certificates	Certificates on request.
Please Note (Status as at Date of Publication)	<p>Keep out of reach of children. Contains 1,2-benzisothiazol-3(2H)-one, mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. Hotline for allergy and technical advice:0800 / 1895000 (free of cost from German landline). If swallowed, seek medical advice immediately and show the container or label (intestinal bacteria can be affected). Do not empty into drains, water courses or into the ground. Use P2 dust filter for grinding.</p> <p>According to European Regulation 528/2012 this product is defined as a “treated article” (not a biocidal product) and contains the following biocidal substances: Zinc pyrithione (CAS-No. 13463-41-7), Terbutryn (CAS-No. 886-50-0) and 2-Octyl-2H-isothiazol-3-one (CAS-No. 26530-20-1).</p>
Disposal	Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Only completely empty containers should be handed in for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried/hardened product residues as construction site/demolition/ municipal or domestic waste.
EU limit value for the VOC content	product (category A/c): max. 40 g/l (2010). This product contains max. 20 g/l VOC.
Giscode	BSW50 (Germany)
Product Code Paints and Enamels	M-DF02F (outdated)
Further Details	<p>See Material Safety Data Sheets (MSDS).</p> <p>When using this material, the building protection processing guidelines as well as the DISBON advice for care, cleaning and maintenance should be observed.</p>
Customer Service Centre	<p>Tel.: +49 6154 71-71710 Fax: +49 6154 71-71711 e-mail: kundenservicecenter@caparol.de</p> <p>International Distribution: Please see www.caparol.com</p>

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All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No.408 · Disborooof 408 Dachfarbe · Issued: October 2017