

DWH 310 P

Product number #0442

Product description

DWH 310 P is a low-viscosity two component adjustment coating designed for the coating of parting lines, mounting surfaces, infusion of bushes and undergrouting of guide rails. Due to the exact moulding technique expensive processing becomes unnecessary.

Characteristics

- Very high accuracy
- Very high compressive strength
- High resistance to cooling emulsions, mineral and synthetic lubrication and cutting materials

Chemical resistance

Please contact our technicians for questions about chemical resistance.

Package size

- 0,5 kg
- 1,0 kg
- 5,0 kg

DWH 310 P is supplied in ready-to-use pack sizes. The product consists of two components. Both components must be completely mixed with each other. In order to avoid mixing errors, a portioning of the components into smaller quantities is expressly discouraged.

Technical data

Technical data	Test procedure	Value
E modulus [N / mm ²]	DIN EN 13412:2006	10400
Compressive strength [N / mm ²]	DIN EN 12190:1998	170
Viscosity [mPas]	DIN EN ISO 3219:1994	pastös
Density [g/cm ³]	-	2,2
Pot life (+20°C) [min]	DIN EN ISO 9514	50
Curing time (+20°C) [hr]	-	24
Curing time until demoulding (+20°C) [hr]	-	18
Shore-D hardness	DIN ES ISO 868	88
Shrinkage [%]	DIN EN 12617-4/2002	<0,1
Thermal resistance [°C] permanent temporary	-	-20°C up to 80°C -40°C up to 125°C
Mixing ratio (A:B) [gr]	-	92:8

Storage / Shelf life

Store in the original unopened container, dry, cool and frost-free (5 ° C - + 20 ° C). Shelf life 2 years. Protect from direct sunlight. Higher temperatures reduce the shelf life.

Important instructions

Please refer to the safety data sheet.

Technical data sheet

Preparation of the liability area

The to be coated guide surface is provided to improve the adhesion with a roughening. The roughness should be 0.5 mm (Rt - 500µm). The roughening can be made on a milling machine with a knife head with a large feed.

Mixing process

For mixing DWH 310 P, component B is completely added to the container of component A. Mix thoroughly with a drilling machine and the DIAMANT mixing propeller (Prod.No. #0789) (max. 250 rpm for approx. 2 minutes). Wipe off any material adhering to the wall of the container with a spatula and add to the mixture. Thoroughly mix again

Venting

Immediately after mixing, DWH 310 P should be removed from the container and spread thinly on a clean metal sheet. The spreading tears open the air bubbles. By spreading a portion of the heat of reaction is dissipated, thus extending the processing time.

Application

Apply a thin layer of adhesive firmly to the primer with the spatula. Filling the remainder in a roof-shaped manner without enclosing air.

Disposal

Unused residual material from the cans can be disposed of normally (EAKV 170203) when mixed in the correct mixture ratio and completely cured. Unmixed material must be disposed of as chemical waste (EAKV 080111). When the diamond service team is booked, we dispose of the waste.

Qualification and Service

It is recommended that the application be carried out by trained DIAMANT technicians.

In order to guarantee optimum quality and faultfree application, we offer the following services:

- Advice by telephone and/or on your construction site
- Construction site inspection and monitoring of works on site
- Complete execution of works by our experienced application technicians

Further information can be found in the service data sheet

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The technical data cited here has been obtained under laboratory conditions and verified on the day of product manufacture through quality assurance processes. This information is subject to change, also without prior notice. The customer is responsible for verifying the up-to-datedness of the data and should inquire with DIAMANT in this regard prior to ordering the material. Application, use and processing of the product takes place outside of our control and therefore exclusively under the responsibility of the purchaser. However, if a question of liability should arise then this shall be limited - in relation to all damages - to the value of the goods supplied by us and used by you. We guarantee the faultless quality of our products according to the provisions of our general terms and conditions of sales and deliveries. All technical data differs depending on loads and application conditions. We are able to issue substantiated application data in individual cases on request.

