VESTOPOX

2K-DT-STRUKTURLACK ZS10-

VESTOCOR PROTECTIVE COATINGS

Product description:
High-quality 2-component textured paint on the basis of an acrylic-polyurethane combination with excellent mechanical properties, solvent-based, weatherproof, silicone-free.

Applications:
For coatings that have to meet high requirements regarding chemical resistance, hardness, abrasion and durability. If used in a coating system, this material can also be used for outdoor applications.

Hardener:
VESTOPUR hardener ZH62-000000 (basis: aliphatic polyisocyanate)

Article numbers, colour:
ZS10-7031, RAL 7031 blue grey. Other colour shade on request

Technical specifications (relating to the mixture):

Flash point:	above +23 °C
Viscosity:	intrinsically viscous
Density:	approx. 1.3-1.35 g/ml
Mixture ratio:	7:1 with ZH62-
Pot life:	approx. 8 hours (room temperature)
Dry film thickness (DFT):	50 µm
Solid density:	approx. 49 %
Tincturial power (theoretical):	approx. 7.5 m^2/kg at 50 µm DFT
VOC value:	approx. 445 g/l
Organic solvent content:	approx. 33 % by weight
Temperature stability:	max. +140 °C, dry heat

The Technical Data indicated are subject to variations depending on colour shade and production process.

Drying times:

Dust-dry:	after approx. 30 minutes
Fast to handling:	after approx. 2 hours
Recoatable:	after approx. 24 hours (spraying and brush or roller painting)

PUR systems reach their typical resistance to chemicals only after complete curing (approx. 7 days at 20 °C).

The values indicated apply to the dry film thickness at (standard atmosphere) +20 °C and 55 % relative humidity.

Working temperature/humidity of air:
+5 °C to +35 °C
The substrate temperature must be at least 3 °C above the dew point of the ambient air.
The relative humidity of air should not exceed 85 %.

Thinner:
VESTOCOR thinner VN62- also for tool cleaning.

Priming coats:
Depending on requirements VESTOCOR products based on:
VESTOLUX, VESTOPOX, VESTOPUR

Substrate preparation:
In any case, adhesion-reducing residues such as oil, grease, dust, mill scale, etc. are to be removed. If suitable priming coats are used, this material can also be used for aluminium and galvanized surfaces. In special cases, this quality can be used as a single-layer coating on blasted substrate.

Applying:
Brush/roller: suitable for this method only to a limited extent. Processing in delivery state consistence. Use short-haired lamb-skin rollers for roller application.

High-pressure spray coating: processing in delivery state.

Air pressure:	approx. 3.0-5.0 bar
Nozzle:	approx. 2.0-2.5 mm

Storage and identification according to hazardous substance/ workplace safety regulations:
For the identification according to valid hazardous substance regulations see the associated Material Safety Data Sheets and labels.

Storage life:
Main component: approx. 12 months, hardener: approx. 6 months in case of proper storage of non-opened drums at +5 °C to +25 °C.

Safety and protection precautions:
When processing note the safety and health at work rules from the trade association, BGR 500, chapter 2.29, as well as the relevant EC Material and Safety Data Sheets. In liquid state, the products are classified to be hazardous to waters, and therefore they must not come into waters. For further details see the trade association's instruction sheet MO23 "Polyesters and epoxy resins".

Information and recommendations in this document are based on today's state of our knowledge and are intended to inform purchasers. They do not exempt purchasers to check the products for their suitability and application. We guarantee a perfect quality within the scope of our general terms and conditions of business. All previous Technical Data Sheets cease to be valid.

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