

DURELASTIC

PU-Top Coat
BD7287

- Airless sprayable
- Very good light- and weather resistance
- Coating for substrates based on minerals

Technical / Physical Data	Colour	acc. to RAL 840 HR, other colour shades on request
	Original viscosity	approx. 2500 m.Pas
	Mixing ratio	100 : 54
	Hardener	DURELASTIC-PU-Hardener HD0233
	Potlife	15 to 25 Min. / 20 °C
	Density calculated	1,20 g / ml + / - 0,1
	Solid content calculated	approx. 100 %
	Material usage calculated after hardener addition	250 to 1000 g / m ² dependent on the desired layer thickness

Storability

Approx. 6 month in original packings at an ambient temperature of 5 to 25 °C, in case the original packings are tightly closed. Opened packing must be used very shortly. The minimum storage stability of each batch is mentioned on the product label. A storage time beyond the mentioned date doesn't necessarily mean that the material is unusable. In this case a check of the qualities which are important for the respective

Processing and application

Application

Components are to be mixed homogenously. (e.g. with high-speed mixer).

We recommended to fill the mixture with hardener in a new container and mix it again to avoid mixing defects.

Forwards and during mixing absolutely contact with water and solvents avoid, even small quantities affect accelerating the hardening procedure = shorter working time.

Substrates

Substrates based on minerals

Pretreatment

The substrate must be dry, firm, sustainable and clean, that means dust free and free of materials which prevent adhesion, e.g. oil, grease, dust and surfactant, if necessary a promotion primer has to be applied.

Application temperature

above 15°C

Cleaning of working equipment

Immediately with organic solvents, hardened remainders can be removed only mechanically.

Advise for safety protection and protection of health

The usual precautionary measures for ventilation as well as for personal protection are to be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning health protection and environment protection can be read in the corresponding safety data sheet.

Special remarks

Stability

Good resistance to weak acids and bases.
Conditionally resistant against organic solvents.

Characteristics	Testing method	unit	declared value
Tensile strength:	DIN EN ISO 527	MPa	38
Flexural strength:	DIN EN ISO 178	MPa	65
E-Modul:	DIN EN ISO 527	Gpa	2,4
Elongation:	DIN EN ISO 527	%	16,5
HDT:	ISO 75 A	C°	60

Test conditions

All information is based on a standard climate 20/65 DIN 50014.

All information are based on our product knowledge and experience. To the application we have no direct influence. For further information please don't hesitate to contact us.

The information mentioned herein are reference values and are not given as specification.