

Setalux D A 365 BA/X

Type	Polyisocyanate cross-linking Acrylic Resin
Characterization	Hydroxyl Content: approx. 4.5% on solid resin
Form supplied	approx. 65 % in butyl acetate/xylene, 3:1
Uses	Usually in combination with Desmodur [®] N 75 and N 3390, in the formulation of two-component polyurethane coatings with excellent gloss retention, lightfastness and chalking resistance.

Specification Property	Value	Unit of measurement	Method
Hazen color value	≤ 100		DIN EN 1557
Acid value	7.5 ± 2.5	mg KOH/g	DIN EN ISO 2114
Viscosity at 23 °C	3000 ± 500	mPa·s	DIN EN ISO 3219/A.3
Non-volatile content (1 g resin/1 h at 125 °C, convection oven)	65 ± 1	%	DIN EN ISO 3251
Hydroxyl content, supply form	2.5 to 3.3	%	DIN 53 240/2
Water content	≤ 0.1	%	DIN 51 777/1

Other data* Property	Value	Unit of measurement	Method
Equivalent weight	approx. 585		
Density at 20 °C	approx. 1.04	g/ml	DIN EN ISO 2811-2
Flash point	approx. 30	°C	DIN EN ISO 1523
Hydroxyl content, solid resin	approx. 4,5	%	

*These values provide general information and are not part of the product specification.

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Solubility / thinnability	Setalux D A 365 BA/X can be thinned to a resin content of 30 % using ketones, esters, ether esters, toluene, xylene and solvent naphtha [®] 100. However, the solutions formed must be tested for their storage stability. Only PU grade solvents should be used (< 0.05 % water). They should contain no other reactive impurities.
Compatibility	Generally speaking, Setalux D A 365 BA/X is miscible with the Desmodur and Setalux D A grades listed here. However, the combinations must be tested for their compatibility. Setalux D A 365 BA/X can be mixed with Desmodur N 75, N 3390, Z 4470 and L, with Setal D RD 181 and with some of the other Setalux D A grades. It is also compatible with certain vinyl copolymers and nitro-cellulose chips.
Properties / Applications	Setalux D A 365 BA/X is used in combination with Desmodur [®] N 75 or N 3390 to formulate air-drying vehicle repair paints. The cured paint films are hard, tough but flexible, glossy and high-bodied with excellent weather stability and lightfastness and good resistance to solvents and petrol.
Storage	When stored in sealed containers at temperatures not exceeding 30 °C, the product will remain stable for 12 months.
Labeling and REACH applications	This product data sheet is only valid in conjunction with the latest edition of the corresponding Safety Data Sheet. Any updating of safety-relevant information – in accordance with statutory requirements – will only be reflected in the Safety Data Sheet, copies of which will be revised and distributed. Information relating to the current classification and labeling, applications and processing methods and further data relevant to safety can be found in the currently valid Safety Data Sheet .

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