ROSKYDAL® F 8100

Technical Datasheet

TYPE

Unsaturated polyester resin with a good reactivity, fast curing and low greening.

USES

Clear and pigmented sealers for conventional curing with good sandability.

FORM SUPPLIED

Approx. 75 % in styrene

SPECIFICATION

Non-volatile content (1 g, 1 h, 125 °C):	75 ± 1 %
DIN EN ISO 3251	
Viscosity (23 °C):	2.680 - 3000 mPa·s
DIN EN ISO 3219/A.3	
Acid value, supply form:	15 - 25 mg KOH/g
DIN EN ISO 2114	
Iodine color value:	≤ 2
DIN EN 1557	

OTHER DATA*

Density (20 °C):	approx. 1.16 g/cm³
DIN EN ISO 2811-2	
Flash point:	approx. 31 °C
DIN EN ISO 1523	

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

PROPERTIES / APPLICATIONS

Sealers based on ROSKYDAL F 8100 show excellent sandability with good reactivity, transparency and levelling.

Formulation

Combinations of talc, dolomite/calcite, crystalline chalk and barytes with low iron content have proved suitable as extenders, with talc as the main component because it improves the adhesion to the substrate and the dry sanding properties. The more spherical extenders such as dolomite, chalk and barytes ensure dense packing.

SOLUBILITY / THINNABILITY

Ethyl acetate	soluble
Methyl ethyl ketone	soluble
Styrene	soluble
Toluene	insoluble
Xylene	insoluble

COMPATIBILITY

ROSKYDAL F 8100 is in general compatible with other ROSKYDAL types. The compatibility with other unsaturated polyester types or with additives must always be verified by trials before its use.

STORAGE

ROSKYDAL F 8100 must be stored in sealed containers in a dry store at temperature between 5 °C and 30 °C. Direct exposition to the sunlight must be avoided. When stored under these conditions, ROSKYDAL F 8100 will remain stable for at least 365 days.

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.