

Technical Data Sheet

GELCOAT WHITE



PRODUCT DESCRIPTION

Gelcoat is based on IZO/NPG resin tanks which gelcoat have high resistance on weather conditions and high mechanical properties.

PRODUCT INFORMATION

SURFACE TYPE	Laminate (GRP)
COLOR	White RAL 9010 no SAP 300010262 volume 1kg, 300010263 volume 250g
CATALYST	METOX 30 no SAP 300010282 volume 20 ml
GLOSS	gloss
MIXING RATIO	100 : 3
METHODE OF APPLICATION	brush

INSTRUCTION FOR USE

SURFACE PREPARATION Degrease surface and sand surface. Remove dust and again degrease surface. Salt and contaminations remove with fresh water.

PRODUCT PREPARATION Gelcoat is sold without catalyst, it is necessary to buy it separately Metox 30. Gelcoat with catalyst mix thoroughly.

MIXING RATIO Recommended catalyst quantity METOX-30 from 2,5% to 3%

APPLICATION **Layer thickness** 0,55-0,85 WFT

PHYSICAL DATA LIQUID STATE	Properties at 23°C	H (Hand)		
		value		unit
	Viscosity, Broofield, RV6, 10rpm	11000-15000		mPas
	Gel time, 3% MEKP-30	15-25		min

MECHANICAL/PHYSICAL DATA FOR THE GELCOAT IN CURED STATE	After curing for 24h at 50°C	Value	Unit	Test method
	Tensile strength	75		MPa
Tensile modulus	3600		MPa	ISO527
Tensile elongation	3,0		%	ISO527
Tensile flexural	130		MPa	ISO178
Flexural modulus	4000		MPa	ISO178
Heat deflection temperature HDT (1,81 MPa)	100		°C	ISO75(A)
Hardness	45		Barcol	ASTM D2583

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FURTHER WORK Gelcoat under oxygen influence undergoes oxygen inhibition (it doesn't dry, surface is always sticky). For last layer we use Topcoat. We get topcoat by adding paraffinic solution 2%-5%

STORAGE AND SAFETY INFORMATION

SHELF LIFE 12 months from production date

STORAGE Product components should be stored in tightly sealed containers, in a temperature of 10-25°C, away from sources of fire, heat and sunlight. Close container tightly immediately after each use. Store in a dry place and keep sealed cans until use.

HSE CONDITIONS Please follow safety instructions from the Safety Data Sheet for hazardous chemical and follow workplace safety laws. The general rule is to avoid contact of the product with the skin and eyes. When product is used in a small, closed spaces you must provide forced ventilation. It is also recommended that you protect your respiratory system, eyes, and skin. Special care should be taken in the area of fire protection and explosion hazards. **Notice ! Always follow all precautionary, health and safety notice on the Safety Data Sheet and container labels.**

DISCLAIMER All data in this document have been prepared for informational purpose only. We can not take responsibility for the results of user actions over which we have no control. The user is responsible for making the control sample and determining the suitability of the product for specific, individual applications. Company Troton Sp. z o.o. does not take responsibility for any damage, or loss of profits associated with the improper use of the products. All information is based on scrupulous laboratory research and many years of experience. Our position of market leadership does not free us from constant quality control of our products. However, we do not accept responsibility for the effects of improper use or storage of our products, or the effects of using our products in any way contrary to the standard of good workmanship.

QUAKITY GUARANTEE Production, quality control and the realization of deliveries fulfill the demands of ISO 9001 and 14001 standards.