



LAMINATION NSW BIO SURF

RESIN NSW BIO + HARDENER N085

Low viscosity epoxy system, modified with its structure formed by molecules of biological origin, specially developed for manual lamination and vacuum bag of white planks, contains in its formulation the system technology NANOPOXY SUPER WHITE EPOXY.

BENEFITS

High resistance to yellowing when exposed to UV rays. Increased resistance to stress, impact and thermal shock, better flexibility response and torsion to the point of origin. Hydrophobicity, with greater resistance to saline water.

PRODUCT INFORMATION

EPOXY RESIN NSW BIO		HARDENER N085	
Visual Aspect	Translucent Bluish Liquid	Visual Aspect	Translucent Liquid
Viscosity at 25 °C (ASTM D1200)	1800 - 2,200 mPas	Viscosity at 25 °C (ASTM D1200)	75 mPas
Density at 25 °C (ISO 1675)	1.11 - 1.17 g/cm ³	Density at 25 °C (ISO 1675)	0.995 - 1.015 g/cm ³
Epoxide Index (ISO 3001)	5.35 - 5.95 Eq/Kg	Equivalent Wt/{H ⁺ }	85 - 95

Warnings towards Application

1. Work in a clean environment with ease of heating.
2. Ideal working temperature: between 21 °C. and 30 °C.
3. Maintain a constant temperature during lamination.
4. Avoid high ambient humidity. Hygrometry should be less than 80%.
5. Avoid exposure to U.V. during healing. The system has a total polymerization of 7 days at 25 °C, or the cured material will exhibit a weak U.V . resistance.
6. Do not make water sandpaper before 2 healing days at 25 °C.
7. Keep packages well sealed, hardeners are sensitive to carbon dioxide and moisture.

PROPORTION FROM MIXTURE (weight)	
RESIN NSW	100
HARDENER N085	50
PROPERTIES OF MIXTURE	
Viscosity - 25 °C	~265 mPas
Gel Team 150g - 25 °C	37 Min.
Peak Exothermic 150g25°C	122°C
Drying a Dust - 25 °C	4:00 a.m.
Drying p Sandpaper - 25 °C	12:00 p.m.
Healing 90% - 25 °C	36h
Hardness Shore D 2mm	83
(healing from 7 days to 25 °C)	



At room temperature the service life is at least 12 months in the original packaging conditions.

The indications contained in this technical information are based on carefully executed tests and should serve as a reference to the user. It is not binding information, and therefore we cannot assume any responsibility, also related to the protection of the rights of third parties, due to the diversity in the treatment and application of products.