

TECHNICAL DATA SHEET

SG91 – GEL PUTTY FOR FILLING

Light white putty-gel specifically formulated for fairing the surfaces to the final shape, used for filling and leveling of counterparts and bulkheads, for filling bubbles, defects and bonded joints, smoothing and manual start-up of large surfaces. Suitable for high thicknesses (up to 4 mm) and for fillings that require a gel time of more than 25 minutes. The excellent leveling and sandability are accompanied by a low shrinkage and an intense white color that facilitates overpainting with gelcoat, significantly increasing the application yield. To meet the most demanding finishing specifications, it is advisable to add the finishing putty (SG90) to the gelcoat.

SUPPORTS

Recommended: fiberglass laminates, fillers and polyester and vinylester mastics.

GENERAL INSTRUCTIONS FOR USE

Apply on well cleaned sanded surfaces; make sure the substrate is free of dust, fibers, dirt and surface condensation.

Carefully mix the product with 1,0 – 2,0% of liquid hardener CT21 (methylethyl ketone peroxide), bearing in mind that the quantity of required hardener, depends on the temperature of use and the processing times required.

The recommended temperature range of use is between 12 and 30°C.

It must be applied manually with a spatula.

For further and more specific application details on the putty finishing cycles, refer to the guideline “**Finishing of the hull**”, available at INTEC’s Technical Customer Service.

In its original packaging, the product can be used for **6 months** if stored indoor away from direct sunlight, at temperatures not exceeding 20°C.

TYPICAL SPECIFICATIONS OF THE LIQUID PRODUCT

Tests made at 23°C	Value	Unit	Method
Color	White	-	IMIA-01
Density	1,30 ± 0,05	Kg/l	IMIA-02
Solid content	80 ± 2	%	IMIA-03
Viscosity (Brookfield, Tc ,10 rpm)	250000 - 350000	cP	IMIA-10
Reactivity (100g product + 1,50g CT21/MEKP 50%)	25 ± 5	min	IMIA-15
Minimum sanding time	120	min	IMIA-55

TYPICAL CHARACTERISTICS OF THE CURED PRODUCT (*)

Tests made at 23°C	Value	Unit	Method
Superficial hardness	80 ± 5	Shore D	IMIA-29
Thermo-mechanical resistance:			
HDT	62 ± 5	°C	IMIA-50
Tg	65 ± 5	°C	ASTM D3418

(*) Curing cycle: 24 hours at 23°C and 3 hours at 80°C

The information and data contained in this technical sheet are based on the measurements and experience gained; in good faith, they are made available to the customer who is responsible for the application verification and the definition of suitability for the intended use.

INTEC assumes no responsibility for the results obtained in the specific application made by the user.

Last update: April 2025

Revision: 4



INTEC s.r.l. a Socio Unico

Società soggetta a direzione e coordinamento di Briolf Group S.L.

Via Edison, 4 - 42049 Calerno - Sant'Ilario d'Enza (RE) - Italy

E-mail: info@intecforcomposites.com - Tel.: +39 0522 909727