

TECHNICAL DATA SHEET

SG90 – GEL PUTTY FOR FINISHING

White gel putty specifically formulated for the composite sector for the finishing and manual leveling of large surfaces.

The excellent workability and sandability are accompanied by a low shrinkage and an intense white color that facilitates overpainting with gelcoat, significantly increasing the application yield.

Recommended in a thin layer in bodywork cycles, directly on the support or on top of the filler putty (SG91 gel putty for filling).

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 – 3,0% of hardener in paste (benzoyl 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 + 1,5g BPO/ CT10)	5 ± 1	min	IMIA-15
Minimum sanding time	25	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	57 ± 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: January 2025

Revision: 3



INTEC s.r.l. a Socio Unico

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