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TECHNICAL
DATA SHEET

REV.6 29/09/2025

S12

DEFINITION

Two-component polyester spray filler with liquid catalysis, specifically formulated for the nautical sector. Application in multiple coats allows for the attainment of high film thicknesses, which are ideal for surface preparation in marine environments. It provides an excellent base for finishing models and is perfectly polishable. It also features excellent vertical hold and ease of sanding.

CHARACTERISTICS

Part A : S12 – Polyester primer:

- Density: 1.50 ± 0.03 g/cm^3
- Color: light grey
- Non volatile content: 82% ± 2**

Part B: 4+1- liquid hardener for *S TYPE* fillers

- Density: 1.03 ± 0.03 g/cm^3
- Color: colourless
- Non volatile content: 40% ± 2

Ready-to-use product:

- Chemical nature: unsaturated polyester resin
- Non volatile content: 82% ± 2**
- Colour: light grey

*** The theoretical solid content includes the reactive volatile part. The actual value therefore depends on the application conditions and can be determined by practical-application tests.*

SUBSTRATE PREPARATION

Surfaces to be treated must be thoroughly degreased, sanded, clean, and dry. Applicable on:

- Bare metal sheet;
- Old paint coatings, previously sanded with P80;
- Fiberglass,

Before application, it is recommended to carry out preliminary tests to check the compatibility of the product with the surface to be treated, considering the wide variety of application conditions and materials available on the market.

The effectiveness of our products is based on practical experiences and research work carried out in our laboratories; nevertheless we accept no liability for work carried out following our instructions being clear that the final result depends in all cases on a series of unforeseeable factors.

* For any information about product codes or packs, please see our catalogue, our price list or contact us.

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QUALITY SYSTEM CERTIFICATION
DNV
ISO 9001

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PREPARATION OF THE MIXTURE

Catalyze at 1.5-2% depending on the ambient temperature, using the specific liquid hardener for **S TYPE** fillers (2% between 10°C and 20°C).
To increase reactivity, it can be catalyzed at 1.5-2% with a polyester resin catalyst. Mix the two components thoroughly.

POT-LIFE

At 20°C: 22 ± 8 minutes

APPLICATION

By spray gun with a gravity feed tank, nozzle 2.0-2.5 mm, pressure according to the procutor.. Given the good vertical hold, thicknesses from 100 to 500 microns and beyond can be achieved with 2 or 3 coats, interspersed by a few minutes.
Do not apply below 5°C. The final mechanical properties vary depending on the working temperature.

SANDING

Minimum sanding time at 20°C: 6 hours
Sequence: P240-P320

OVERPAINTING

It can be overcoated with any type of filler.
Due to the variety of coating cycles and application conditions, it is highly recommended to perform preliminary tests to verify the compatibility of the chosen coating system with the applied product. Each cycle must be evaluated in advance, as variables can significantly influence the final result.

STORAGE

Store the product in a dry environment, away from direct sunlight, and at temperatures in between 5°C and 35°C.

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