








ISM9 ISOFAN MARINE UNDERCOAT (SM00900 or colour from SM00990)

| | | | | | | |
|---|---|---|---|--|---|---|
|  |  |  |  |  |  |  |
| 1000 ml + 250 ml + 150-350 ml | Ford 4 22-25" | Ø 1,5-1,9 mm 3,5-4 Atm HVLP: 2-2,5 Atm N° coats: 2-3 | 20-30' at 20°C | 80-100µ | 12h at 20°C | P 280 P 360 |
| 4 + 1 + 1 | | | | | | |

Description

2K acrylic **sealer/filler** for dry-on-dry systems suitable as an undercoat for painting Yachts, in order to seal and to fill surfaces which have different degrees of absorption. It assures the best result as regards quality of finish and adherence.

Colour

White – SM00900 ISOFAN MARINE UNDERCOAT WHITE

It is possible to produce ISM9 in 14 different solid colours according to the references **Yachting Colour Master pastello**.

Characteristics

- Very good flow
- Good filling power
- Good sealing power
- Semi-glossy finish

Specific weight (part A): 1,60 ± 0,03 g/ml

Specific weight (part B): 1,01 ± 0,05 g/ml

Substrate preparation

Old thermosetting coatings (verify their resistance with PUR solvent trial)

Dry sanding with P240-280 paper

Gelcoat

Dry sanding with P120-180 paper

Epoxy primers

Dry sanding with P240-280 paper

Epoxy fillers

Dry sanding with P180-220 paper

Application

By spray with traditional spray gun, HVLP or airmix, or by roller

- Relative humidity < 80%
- Temperature >10 °C <35°C
- Substrate temperature 5° > dew point

Mixing ratio

By spray

| | volume | weight |
|---|------------|-----------|
| ISM9 (SM00900) ISOFAN MARINE UNDERCOAT | 1000 ml | 1000 g |
| SM00640 ISOFAN MARINE MS HARDENER | 250 ml | 160 g |
| SM00780 ISOFAN MARINE SLOW THINNER SM00700 ISOFAN MARINE STANDARD THINNER SM00715 ISOFAN MARINE FAST THINNER..... | 150-350 ml | 100-250 g |

Spray viscosity Ford Cup 4: 22-25 sec.

Pot life : 4 h at 20°C

Ø conventional air cap and HVLP: 1,5-1,9 mm

Pressure: 3,5 – 4 Atm HVLP: 2 – 2,5 Atm

N° of coats: 2/3

Recommended film thickness: 80-100 µ dry (n° 3 spray coats of 60 µ wet each)

Interval between coats: 20-30' at 20°C

Theoretical coverage mix A+B : 6,2 m² for 1 l mixture at 90 µ

Solids content by volume mix A+B: 56,2%

Solids content by volume mix A+B+C: 46,6%

By roller

| | | |
|--|------------|-----------|
| ISM9 (SM00900) ISOFAN MARINE UNDERCOAT | 1000 ml | 1000 g |
| SM00640 ISOFAN MARINE MS HARDENER | 250 ml | 160 g |
| SM00720 ISOFAN MARINE RETARDANT..... | 150-200 ml | 100-150 g |

Roller application viscosity Ford Cup 4: 40-80 sec.

Pot life: 2 h a 20°C

Roller – Solvent resistant, closed-pore polyurethane roller

N° of coats: 2 + 2

Recommended film thickness: 80-100 µ dry (n° 2 + 2 roller coats, after the first two coats sand with P360)

Interval between coats: min. 3h

Theoretical coverage mix A+B : 6,2 m² for 1 l mixture at 90 µ

Theoretical coverage mix A+B : 5,2 m² for 1 l mixture at 90 µ

Drying

| | 10°C | 20°C | 35°C |
|-----------------------------------|-----------------------------|------------------------------|------------------------------|
| Sanding after | 24 h | 12 h * | 6 h |
| Overcoat by spraying after | min. 1 h max. 16 h | min. 30 min. max. 8 h | min. 15 min. max. 4 h |
| Overcoat by roller after | min. 3h no max. time | min. 3h no max. time | min. 2h no max. time |

*The product goes glassy over time; in order to make sanding easy, it is recommended to sand by 48 hours from the product application.

Overcoating

This sealer/filler after drying and sanding is overcoatable with finishes of the **ISOFAN MARINE** and **GLASSTOP** range. In order to achieve the correct adherence as well as the correct gloss level, the filler must be prepared according to the following instructions:

| | |
|----------------------------|---|
| One-coat solid finishes | Sanding with abrasive grit paper P280-320 |
| Two-coat metallic finishes | Sanding with abrasive grit paper P320-360 |

For sanding we suggest using orbital sanding machines supplied with vacuum attachment. In case of manual sanding we recommend to use pads with finer sand papers.

After sanding clean and degrease with SM00800 ISOFAN MARINE DEGREASER using suitable clean cloths.

In order to assure the best paint process adhesion it is recommended to overcoat with topcoat within 7 days after application and sanding.



TECHNICAL DATA SHEET N° S189-GB
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All information here included is the result of carefully controlled tests and expresses our best and up to date knowledge. This news is given only as an information, so the firm cannot be accountable for further results. Furthermore it cannot be used as a contestation related to the use of the described product. All this is due to the fact that use conditions are not under our control.



Lechler S.p.A. 22100
COMO ITALY - Via Cecilio, 17
Tel. +39.031 586 111 - Fax +39.031 586 206
info@lechler.eu www.lechler.eu