







## ISM1 ISOFAN MARINE HP PREMIUM (SM00100 or colours from SM00190)

					
1000 ml + 500 ml + 500-700 ml	Ford 4	Ø 1,2-1,3 mm 3,5-4 Atm HVLP: 2-2,5 Atm N° coats: 2-3	30' at 20°C	40-60 µ	24h at 20°C
<b>2 + 1 + 1</b>	14-16"				

### Description

HS 2K high gloss **topcoat**, easy to polish, with high performance for the Yachting field. Formulated with modified acrylic resins assuring the highest levels of weather resistance and of workability. Its high flow properties make this finish especially suitable for the professional painting of large surfaces in Super Yacht industry.

### Colour

Available in the standard colour ranges **Yachting Colour Master pastello** and **Yachting solid colour selection pastello**.

**Some colours need the application of an undercoat to optimize the opacity power. For further details see the price list.**

### Characteristics

- Excellent depth and gloss level
- Excellent durability against the marine environment and sun light (it contains UV Absorber)
- Easy polishing
- High opacity
- High coverage

### Substrate preparation

#### Stoppani epoxy primers

Dry sanding with P 280-320 paper

#### Stoppani polyurethane undercoats

Dry sanding with P 280-320 paper

### Application

By spray with traditional spray gun, HVLP or airmix

Application conditions:

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

## Mixing ratio

### White and derived colours

	volume	weight
ISM1 ISOFAN MARINE HP PREMIUM (mixed colours) ..... A	1000 ml	1000 g
SM00620 ISOFAN MARINE STANDARD HARDENER SM00625 ISOFAN MARINE SPEEDY HARDENER ..... B	500 ml	400 g
SM00780 ISOFAN MARINE SLOW THINNER SM00700 ISOFAN MARINE STANDARD THINNER SM00715 ISOFAN MARINE FAST THINNER ..... C	500-700 ml	300-500 g

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SM00780 ISOFAN MARINE SLOW THINNER SM00700 ISOFAN MARINE STANDARD THINNER SM00715 ISOFAN MARINE FAST THINNER ..... C	500-700 ml	400-600 g

At temperatures above 25°C and for applications of large surfaces when more painters are involved (f.i. Superyacht), it is recommended to replace a part of SM00780 ISOFAN MARINE SLOW THINNER with SM00720 ISOFAN MARINE RETARDANT until a max. 1:1 mixing ratio, in order to help the overspray absorption.

Spray viscosity Ford Cup 4: 14-16 sec.

Pot-life: 4 h at 20°C

Ø conventional air cap and HVLP: 1,2-1,3 mm

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

N° of coats: 2/3

Recommended film thickness: 40-60 µ dry (correspond to 70-110 µ wet)

Interval between the coats: min. 30' max. 4h at 20°C

Theoretical coverage mix A+B: WHITE 13,5 m<sup>2</sup> COLOURS 11 m<sup>2</sup> for 1 l mixture at 50µ

Solids content by volume mix A+B : WHITE 67,2% COLOURS\* 55,4%

Solids content by volume mix A+B+C: WHITE 55,4% COLOURS\* 38,2%

\*The value is purely indicative and can slightly change according to the colour

## Drying

	10°C	20°C	35°C
Overcoatable in wet-on-wet with itself and with SM00400 after	min. 1h max. 8 h	min. 30' max. 4 h	min. 15' max. 2 h
Sanding and polishing after	min. 96 h	min. 48 h	min. 24 h

The complete cross-linking occurs after 7 days at 20°C from the application.

## Over coating/Polishing

Where a touch-up is needed use SM00645 MS SPEEDY HARDENER and SM00715 FAST THINNER. This will reduce the colour difference after polishing.

The product doesn't require any clearcoat, dark colours which are sensitive to scuff marks, can be over coated with clearcoat SM00400 CLEARCOAT ACRYLIC UV FILTER, in order to improve their resistance.

In this case the dry-on-dry system can be carried out to create the highest flow: prepare the surface of HP Premium by sanding with suitable abrasive grit paper P360-400. The wet-on-wet system is a possible alternative, observing the relevant painting times.

## TECHNICAL DATA SHEET N° S186-GB UPDATED 03/2010

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