

Description

Fast one component enamel topcoat with high gloss retention. Excellent weather and chemical resistance. Can be sprayed or applied by roller/brush.

Suggested uses

As a final glossy topcoat for exterior use over the waterline.

Product details

Available shades:	Pebble White 1411, Shell White 1412, Oyster White 1413, Sand White 1416, Salpa Yellow 3410, Snapper Orange 4410, Scorpion Red 4420, Navy Blue 5415, Discus Blue 5410 Tuna, Blue 5420, Tetra Green 6410, Dorado Green 6420, Shark Grey 7415, Orca Black 2410
Specific gravity:	0.98-1.25 g/ml
Sheen level @ GU 60°:	High Gloss
Thinning range:	Brush/Roller 0-10% Thinner 860 Conventional/Air spray 25% Thinner 860
Typical thickness:	Brush/ Roller 80-100 µm DFT / 130-160 µm WFT Conventional/Air spray 90-120 µm DFT / 145-190 µm WFT
Shelf life (20°C):	2 years
Theoretical spreading rate (50 µm DFT):	12 m ² /L
Volume solids (No Thinner):	61%
VOC (as supplied) according to ISO 11890-2:2013:	520 g/L
Packaging:	0.75 L

Overcoating / Drying

Overcoated with	Surface Temperature							
	5°C		15°C		20°C		35°C	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
VEMALUX Enamel Topcoat	24 h	4 d	18 h	3 d	12 h	2 d	6 h	1 d
Touch dry @ 20°C ISO 1517 - 1973					Through dry @ 20°C ISO 9117-1990			
2 h					72 h			

min=minutes / h=hours / d=days

Surface preparation

Existing layer in good condition: Remove oil, grease (if any) with a suitable strong alkali detergent. Remove salt deposits, dust and/or other impurities by fresh water cleaning. Sand the surface to be coated with a grit size of 180-240 sandpaper to ensure adhesion. Remove the dust created by sanding.

Substrate*	Primer
GRP	VEMASHIELD Primer or VEMALUX Alkyd Undercoat *
Carbon steel	VEMASHIELD Primer or VEMALUX Alkyd Undercoat *
Aluminium	VEMASHIELD Primer or VEMALUX Alkyd Undercoat *
Wood	VEMASHIELD Primer or VEMALUX Alkyd Undercoat *

* For substrates surface preparation pls. consult relevant product's data sheet

Application guidelines

Temperature: The temperature of the surface to be coated should be at least 3°C above the dew point. Good painting practice must always be followed.

Minimum application temperature is 5°C. Maximum application temperature is 35°C (For temperatures over 35°C special measures should be taken). Do not apply at a relative humidity (RH) exceeding 85%. Pls. consult your VEMAR representative.

The temperature of the product in the can must be between +10°C- +35°C.

The ideal temperature, in order to obtain full product application characteristics, is +20° C.

Mixing: Mix thoroughly until a Homogenous mixture is achieved.

Method: Conventional spray / Brush / Roller / Airless spray. The applicator should choose the appropriate method taking into consideration the area to be covered the desired finish result, environmental issues, weather conditions, project's schedule and available equipment. You may find below indicative adjustment according to the application method used. For more information on the appropriate equipment and guidance pls. contact your local VEMAR representative.

Method	Brush/Roller	Conventional/Air spray	Airless Spray
Thinning*	up to 10%	up to 25%	-
Tip orifice*	-	HVLP 1,3 mm	-
Pressure (@ tip)*	-	1,5-2,0 bar	-
Pump ratio*	-	-	-

*The above information is indicative and may be used as guidance only.
Actual values may differ according to actual prevailing conditions.

Recommended specification

Pls. consult VEMAR's Technical guide or your local VEMAR representative.

Indicative thickness / coat

Application method	DFT* Range	WFT* Range
Conventional / Air spray	45-60 µm	70-95 µm
Brush / Roller	40-50 µm	65-75 µm

*DFT= Dry film thickness WFT= Wet film thickness

The above data indicates the range where the product has been tested thus will provide the application characteristics and the performance as described. Application in thickness outside the indicative range may result in early failure/degradation of the coating system.

Tool cleaning

After use, clean equipment thoroughly with Thinner 860.

Storage

Store in a cool and shaded area in temperatures +5°C up to +25°C. Storage in temperatures higher than indicated will reduce the shelf life of the product.

Health, safety & protection

Always use appropriate safety equipment for your face, eyes and skin. Make sure that the area where the product is being used is well ventilated. ALWAYS CONSULT THE MATERIAL SAFETY DATA SHEET BEFORE USE. Do not pour the containment or any remains in an aqueous environment or drainage. Do not dispose remains in municipal waste areas. Consult your local authorities for the disposal of any remains or empty cans.

Disclaimer

The information, data, guidance and any recommendations provided herein are based on Vemar's know-how, laboratory testing and obtained experience and is correct to the best of our knowledge. Users should contact their closest Vemar representative in order to receive guidance according to their special application needs not referred in this document. The performance of the product under the actual conditions of any intended use where Vemar will not have access to the various conditions affecting the use and application of the product, is not guaranteed and must be determined by the user. This document may be altered any time in the context of Vemar's continuous improvement and development. The supplied products and all technical assistance will be under the General condition of sales & delivery. By using this product as recommended in this document it is stated that the manufacturer and or seller, and the buyer and or user waives all claims involving, any liability, included but not limited to negligence, injury or direct or consequential losses or damages.