

**Description**

Two component epoxy fine filler with superior sanding properties. It creates a non-porous surface after sanding.

**Suggested uses**

- As a sealing filler for ULTRAFILL.
- May be used as part of an osmosis treatment scheme.

**Product details**

**Available shades:** Mixture: Light beige  
Part A: Sand yellow  
Part B: Off white

**Specific gravity:** 1,58 ± 0,05 g/ml

**Sheen level @ GU 60°:** Semi-flat

**Mixing ratio:** 1:1 (A:B) by Volume  
1:1,11 (A:B) by Weight

**Typical thickness:** 3 mm DFT / 3 mm WFT

**Pot life (20°C):** 1 hr

**Shelf life (20°C):** 24 months (in airtight sealed containers)

**Volume solids:** 98%

**VOC (as supplied) according to ISO 11890-2:2013:** 72 g/L

**Packaging:** Part A: 0,5 L, 3 L  
Part B: 0,5 L, 3 L

**Overcoating / Drying**

Overcoated with	Surface Temperature							
	5°C		15°C		20°C		35°C	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
ULTRAFINE	24 h	7 d	12 h	4 d	7 h	3 d	3 h	1 d
ALUSHIELD	24 h	7 d	12 h	4 d	7 h	3 d	3 h	1 d
VEMASHIELD	24 h	7 d	12 h	4 d	7 h	3 d	3 h	1 d

*Note: In case the maximum overcoating interval has been exceeded, sanding of the filler is necessary to ensure adequate adhesion. It is always recommended to sand the surface between coats in order to achieve the desired finish result thus adhesion is being promoted.*

Touch dry @ 20°C ISO 1517 - 1973	Sandable @ 20°C	Fully cured @ 20°C
3 h	7 h	7 d

*Above values are calculated for a 50% relative humidity  
h=hours / d=days*

**Surface preparation**

The surface should be primed with VEMAR's Epoxy primer range or with ULTRAFILL filler. Remove oil & grease (if any) with a suitable alkali detergent. Remove salt deposits, dust and/or other impurities by fresh water cleaning. If maximum recoating interval of the Epoxy primer has been exceeded, sand the surface to be coated with a grit size of 280-320 sandpaper to ensure adhesion. Make sure that the surface is completely dry prior to the application. In order to secure proper adhesion and due to its porous nature, allow extra time for drying in case previous filler coat has been contaminated with heavy rain.

Improved surface preparation will improve adhesion and consequently the expected lifetime of the paint system.

**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) Pls. consult your VEMAR representative.

**Mixing:** Mix carefully Part A with Part B according to the mixing ratio indicated, until a uniform Light Yellow color is achieved. Use the product until the maximum indicated pot life is reached. In colder temperatures (<10°C) allow an induction time of 5 min prior applying the product.

**Method:** Apply with Spatula. Avoid exceeding 3mm DFT per coat. When the surface is through dry, sand (wet or dry) with a grit size of 80-180 sandpaper. For more information on the appropriate equipment and guidance pls. contact your local VEMAR representative.

**Recommended specification**

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

**Indicative thickness / coat**

DFT\*/ Application by spatula: 3 mm  
 WFT\*/ Application by spatula: 3 mm

\*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 850 or 820.

**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.*