
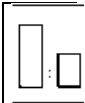



# DECKTHANE UVR



## Technical Data Sheet n° 49

Edition Janvier 2022

TYPE OF PRODUCT :	HEAVY DUTY UV RESISTANT FLEXIBLE POLYURETHANE ANTI-SLIP COATING
<p><b>PROPERTIES :</b></p>  <p><b>Products Informations</b></p>	<p>DECKTHANE UVR is a high solids bi-component polyurethane coating applicable in high thicknesses from 350 to 750µm dry allowing with the ELASTHANE additive and its elastomeric fillers such as POUDRETTES and/or GRAVILLONS 0.5-0.7mm to create flexible anti-skidding for intensive use or for pleasure boating.</p> <p>The DECKTHANE UVR presents :</p> <ul style="list-style-type: none"> <li>• Softness and flexibility of the film</li> <li>• Glossy film appearance</li> </ul> <p>The DECKTHANE UVR has a resistance :</p> <ul style="list-style-type: none"> <li>• To bad weather, to UV, to the marine environment.</li> <li>• To abrasion</li> </ul> <p>DECKTHANE UVR can be applied both indoors and outdoors.</p> <p>DECKTHANE UVR does not yellow or flour.</p> <p>DECKTHANE UVR can be applied :</p> <ul style="list-style-type: none"> <li>• Intensive traffic areas in PRO version</li> <li>• Garages for pleasure boats</li> <li>• As deadworks for service vessels</li> <li>• For decks as a flexible anti-skid for intensive use with the additives POUDRETTES and/or GRAVILLONS 0.5-0.7mm</li> </ul>
<p><b>COMPONANTS :</b></p>  <p><b>Hardener Thinners</b></p>	<p>Hardener DECKTHANE UVR Additive ELASTHANE Thinner DECKTHANE UVR Poudrette DECKTHANE UVR Gravillons DECKTHANE UVR 0.5mm / 0.7mm (only for the "professional" version).</p> <p><u>DILUTIONS:</u></p> <p>Roller to 0% at 10% Spraygun to 5% at 10%</p>
<p><b>SPECIFICATIONS :</b></p>  <p><b>Norms and Qualifications</b></p>	<p>MAP YACHTING <i>Paint Systems</i> SPEC</p> <p>For the latest missing updates, please consult us at <a href="mailto:sales@map-yachting.com">sales@map-yachting.com</a></p>

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# DECKTHANE UVR



## Surface preparation



Note

## Instructions for use



Mixing  
ratio

(in volume  
and by weight)

All surfaces to be coated must be free of dirt, grease, water vapor, dust or mildew (see dew point chart). In order to ensure a perfect finish, and to obtain an excellent quality of surface tension, the interfaces or underlayers must be perfectly smooth, and free of drips or orange peel and sanded with very high quality abrasives to FEPA standard.

DECKTHANE UVR must be applied over EPU 221 primer. In some cases, it can also be applied over EP 211\*, IM409\*, EP 215 HB\*, EP 215 HB+\*, EPU 221\*, PU225-PU228\* (\*consult us).

Store at a temperature of 20°C, 24 hours before application.

DECKTHANE UVR is delivered in a kit of 2 components, Base and Hardener, non fractionable, to be mixed intimately at the time of use with a mechanical agitator, at slow speed, in order not to incorporate air. If the mixture is not homogeneous, there is a risk of having poorly polymerized areas that will remain soft and will not harden. Once the product is prepared, incorporate the ELASTHANE/ DECKTHANE UVR additive and the anti-skid fillers and use it immediately, as its shelf life is limited. During polymerization, avoid air currents which can cause a haze on the surface of the product (coolness and humidity will accentuate the phenomenon).

### ANTIDRAPANT DECKTHANE UVR PLEASURE CRAFT VERSION :

- Weight: **100g** Base / **48g** Hardener / **37g** Elasthane / **80g** Poudrettes
- Volume: **100ml** Base / **64ml** Hardener / **40ml** Elasthane / **80ml** Poudrettes

### ANTIDERAPANT DECKTHANE UVR PRO VERSION :

- Ponderal: **100g** Base / **48g** Hardener / **37g** Elasthane / **80g** Poudrettes / **80g** Gravillons 0.5-0.7mm
- Volume: **100ml** Base / **64ml** Hardener / **40ml** Elasthane / **80ml** Poudrettes / **80ml** Gravillons 0.5-0.7mm

Allow the products to acclimatize to the ambient site temperature before use. The base should be thoroughly mixed for at least 5 minutes using a clean disperser mounted on an explosion-proof agitator. Then add the hardener slowly and continue mixing until a smooth, homogeneous liquid is obtained. As the two components have different viscosities, the edges of the mixing container should be scraped carefully with a spatula. Mixing containers must have flat bottoms and perfectly smooth edges.



Ripening  
time

Immediate application



Initial  
application  
viscosity  
(at 23°C)

NC



Note

The viscosity should be checked with the AFNOR cup n° 4 and readjusted if necessary. A viscosity check is recommended every 10 minutes. Do not forget to mix well after each readjustment in diluent. Viscosity measurements are provided for information purposes only and should not be used as quality control parameters.

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MAP YACHTING Paint Systems

Zone Athelia IV-296 Avenue de la Tramontane-13705 LA CIOTAT CEDEX – France

# DECKTHANE UVR



Pot life at 20°C

20 to 30 minutes for a 10kg kit



Note

NC



Dry film thickness

350μm to 500μm

## Applications & Recommendations



Conditions

Hardener :

Deckthane UVR Hardener

Deckthane UVR Hardener

Temperature:

15 - 17°C

20 - 25°C

Hygrométrie :

30 - 65%

40 - 70%



Note

The quality of application of all coatings will be influenced by the application equipment selected and the temperature, humidity and air flow of the paint application area. When first applying the product, it is recommended that test panels be prepared to identify the best equipment settings to use to optimize coating performance and appearance. DECKTHANE UVR may be applied under conditions outside the stated limits. Precautions must be taken to ensure satisfactory results. Please contact your MAP YACHTING Paint Systems technician to determine proper application techniques and thinner selection when environmental conditions are outside the recommended range.



Note

The quality of the coating can be degraded by humidity during the curing phase.

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# DECKTHANE UVR



## Material

### Gravité spray gun

Spray gun : AZ3

Nozzle + Needle: 3.5mm

Paint flow: 140 - 250 ml/min

Air cap: Spray gun pressure: 3.0 – 3.5 Bars

### Roller

Honeycomb for of anti-skid versions applications - Pleasure craft & Pro



## Number of layer

Apply in 2 layers a wet film of 350µm to 750µm. The layers must be closed and homogeneous.



## Material cleaning

Do the first cleaning with the cleaning thinner (noble solvent without water and not recycled) and finish the cleaning with the application solvent of MAP YACHTING Paint Systems.

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# DECKTHANE UVR



## Physical properties

**LIMIT TEMPERATURE OF USE : NC**



**Drying Time**  
(40 at 60 % HR)

**Drying time given for 400µm dry as an anti-skid coating:**

Temperature	Dry	Hard
10°C	48 hours	15 days
20°C	24 hours	7 days
30°C	12 hours	4 days

**Recovery**  
(40 à 60 % HR)

By itself without sanding (for 200µm dry):

Temperature	Minimal	Maximal
10°C	48 hours	6 days
20°C	24 hours	3 days
30°C	30 hours	1 days



**THEORICAL YIELD**

350g to 750g/m² (without loss, depending on the colors and the type of anti-skid PRO or PLEASURE CRAFT)



**Dry extract in Mixing volume**

83 +/- 3%

**Density of the mixture at 20°C**

1,28 +/- 0,05 g/cm³ (without charges)



**Compounds Organics Volatile**

EU limit value for this product (A/j) : 500 g/l (2010).  
This product contains a maximum of 200 g/l de COV

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# DECKTHANE UVR



## APPEARANCE (at 60°)

+80GU\* (without charges)  
\*GU= Gloss Unit



### Colors

According to RAL ou AFNOR



### Flashpoint

Base : 60°C < PE <= 93°C  
Hardener : 23°C <= PE <= 55°C



### Storage

Store the product in a dry place and at a temperature between +10°C and +25°C according to MAP YACHTING Paint Systems' specifications. Store in original unopened containers. Storage temperature may vary depending on OEM specification requirements. Refer to container label for specific storage time information.

### Lifetime +10°C à 25°C

The information is given for closed containers in the original packaging, i.e. 24 months according to MAP YACHTING Paint Systems' commercial specifications for the DECKTHANE UVR base and 24 months for the hardener. Shelf life may vary due to OEM specification requirements. Refer to the container label for specific shelf life information.

## Safety Instruction

Comply with all local safety, disposal and transportation regulations. Carefully check the Material Safety Data Sheet (MSDS) and label of each product before use. Material Safety Data Sheets are available upon request.

### Publication date: January 2022 - FOR PROFESSIONAL USE ONLY

The information contained in this data sheet is not intended to be comprehensive and is based on our current state of knowledge and applicable laws: anyone using the product for purposes other than those specifically recommended in the data sheet without prior written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. It is always the responsibility of the user to take all necessary measures to meet the requirements set by local rules and legislation. Always read the material data sheet and the technical data sheet for this product, if available. Any advice we give or statements we make about the product (whether in this data sheet or elsewhere) are correct to the best of our knowledge, but we have no control over the quality or condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we agree otherwise in writing, we accept no responsibility whatsoever for the performance of the product or for any loss or damage resulting from the use of the product. All products supplied and technical advice given are subject to our terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to change from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current before using the product. Brand names mentioned in this data sheet are registered trademarks or licensed to :

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