
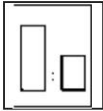



DECKTHANE UVR

Technical sheet no. 49

Editing September 2022

<p>TYPE OF PRODUCT :</p>	<p>ANTI-SLIP FLEXIBLE POLYURETHANE COATING UV RESISTANT FOR INTENSIVE USE</p>
<p>PROPERTIES :</p>  <p>Information Products</p>	<p>DECKTHANE UVR is a bi-component polyurethane coating with high dry extract applicable in thick layers of 350 to 750µm dry, allowing with the ELASTHANE additive and its elastomeric fillers such as POUdRETTES and/or GRAVEL 0.5-0.7mm to create flexible non-slip pads for intensive use or for pleasure.</p> <p>The DECKTHANE UVR has: Softness and flexibility of the film A shiny film aspect.</p> <p>The DECKTHANE UVR has resistance: To bad weather, to UV rays, to the marine environment. To abrasion.</p> <p>DECKTHANE UVR can be applied both indoors and outdoors. DECKTHANE UVR does not yellow or flour.</p> <p>The DECKTHANE UVR applies: Intensive traffic areas in PRO version. Pleasure boat garages In topsides for service vessels. For decks as flexible anti-slip for intensive use with POUdRETTES and/or GRAVEL 0.5-0.7mm additives.</p>
<p>COMPONENTS:</p>  <p>Hardeners Thinners</p>	<p>DECKTHANE UVR hardeners ELASTHANE/ DECKTHANE UVR additive DECKTHANE UVR thinner DECKTHANE UVR powder DECKTHANE UVR gravel 0.5mm / 0.7mm (only for the "professional" version).</p> <p>DILUTIONS: ROLLS from 0% to 10% PNEUMATIC GUN from 5% to 10% MAP YACHTING <i>Paint Systems</i> SPEC</p>
<p>SPECIFICATIONS :</p>  <p>Standards and Qualifications</p>	<p>For the latest missing updates, please check with us at sales@map-yachting.com</p>

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DECKTHANE UVR

Surface Preparation



All surfaces to be covered must be free of dirt, pollution due to grease, water vapour, (refer to the dew point table) dust or mould. In order to ensure a perfect finish, and to obtain an excellent quality of surface tension, the interfaces or undercoats must be perfectly smooth, and free of drips or orange peel and sanded with very high quality abrasives to the 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, not divisible, to be mixed thoroughly at the time of use with a mechanical stirrer, at slow speed, so as not to incorporate air. If the mixture is not homogeneous, there is a risk of having poorly polymerized areas which will remain soft and will not harden. Once the product has been prepared, incorporate the ELASTHANE/DECKTHANE UVR additive and the anti-slip fillers then use it immediately, as its lifespan is limited. During polymerization, avoid air currents which may cause a haze on the surface of the product (freshness and humidity will accentuate the phenomenon).

Manual



Mixing ratio

NON-SLIP DECKTHANE UVR PLAISANCE VERSION:

Weight: 100g Base / 48g Hardener / 37g Elasthane / 80g Powders

Volume: 100ml Base / 64ml Hardener / 40ml Elasthane / 80ml Powders

ANTI-SLIP DECKTHANE UVR VERSION PRO VERSION:

Weight: 100g Base / 48g Hardener / 37g Elasthane / 80g Powders / 80g Gravel 0.5-0.7mm

Volume: 100ml Base / 64ml Hardener / 40ml Elasthane / 80ml Powders / 80ml Gravel 0.5 -0.7mm

Allow products to acclimate to ambient site temperature before use. Base should be mixed thoroughly for at least 5 minutes using a clean disperser mounted on an explosion-proof stirrer. Then add the part of hardener by pouring it slowly and continuing to mix until a liquid with a smooth and homogeneous unctuous appearance is obtained. Since the two components are of different viscosity, the edges of the mixing container should be carefully scraped with a spatula. Mixing containers should have flat bottoms and perfectly smooth edges



Duration drying

Immediate application



Viscosity initial of application (at 23°C)

NC



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Shelf life of the mixture at 20°C

20 to 30 minutes for a 10kg kit



Remark

NC



Dry film thickness

350μm to 500μm

Applications & Recommendations



Conditions

Hardeners :

Deckthane UVR Hardener

Deckthane UVR Hardener

Temperature:

15 - 17°C

20 - 25°C

Hygrometry :

30 - 65%

40 - 70%



Note

The quality of application of all coatings will be influenced by the spray equipment chosen and by the temperature, humidity and airflow 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 the performance and appearance of the coating. DECKTHANE UVR can be applied under conditions outside the limits indicated. Care should be taken to ensure a satisfactory result. Please contact your MAP YACHTING Paint Systems technician to determine proper application techniques and choice of thinners when environmental conditions are outside the recommended range.



Remark

The quality of the coating may be degraded by humidity during its crosslinking phase.

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Materiel

Gravity gun
Pistol : AZ3
Nozzle + Needle: 3.5mm
Paint flow: 140 - 250 ml/min
Air cap:
Gun pressure: 3.0 – 3.5 Bars

Rolls
Honeycomb for the application of non-slip versions.



Name of lying down

Apply in 2 coats a wet film from 350 μ m to 750 μ m. The layers must be closed and homogeneous.







Cleaning the material

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





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Physical properties		USE LIMIT TEMPERATURE :		NC
	Time to Drying (at 23°C – 40 to 60% RH)	Drying time given for 250µm dry as non-slip coating:		
		Temperature	Touch dry	Hard dry
		10°C	48 hours	15 days
		20°C	24 hours	7 days
		30°C	12 hours	4 days
	Recovery (at 23°C – 40 to 60% RH)	Temperature	Minimum	Maximum
		10°C	48 hours	6 days
		20°C	24 hours	3 days
		30°C	30 minutes	1 day
	YIELD THEORETICALLY	350g to 750g/m2 (no loss, depends on shades and type of PRO or PLAISANCE non-slip)		
	Dry extract in Volume you Mixed	83 +/- 3%		
	Density of Mix at 20°C	1.28 +/- 0.05 g/cm3		
	Compounds organic Volatiles	EU limit value for this product (A/d): 500 g/l (2010). This product contains a maximum of 200 g/l VOC		

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	ASPECT (at 60°)	GLoss: +80GU* (without charges) * GU= Gloss Unit +
	Colors	According to RAL or AFNOR color charts
	Flash point	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 the specifications of MAP YACHTING Paint Systems. Store in original unopened containers. Storage temperature may vary depending on OEM specification requirements. Refer to container label for specific information on storage time.
	Lifetime +10°C to 25°C	The information is given for closed containers in the original packaging, i.e. 24 months according to the commercial specifications of MAP YACHTING Paint Systems for the DECKTHANE UVR base and 24 months for the hardener. Shelf life may vary due to OEM specification requirements. Refer to container label for specific shelf life information.
Safety instructions		Comply with all local safety, disposal and transportation regulations. Carefully check the Safety Data Sheet (SDS) and label of each product before using it.
		Safety Data Sheets are available on request.

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Exhaustive and is based on the current state of our knowledge and on the laws in force: anyone using the product for purposes other than those specifically recommended in the data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended use does so at its 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 Technical Data Sheet for that product, if available. All 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 on the many factors affecting the use and application of the product. Therefore, unless we agree otherwise in writing, we accept no liability whatsoever for the performance of the product or for any loss or damage arising 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 check that this data sheet is up to date before using the product. **Brand names mentioned in this data sheet are registered trademarks or licensed to:**