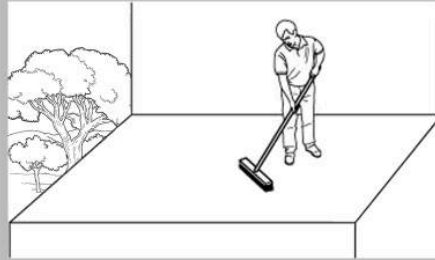


STEP 1

CLEAN THE SURFACE VERY WELL by SWEEPING, SCRUBBING OR VACUUMING IT



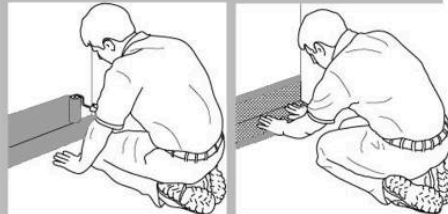
STEP 2

MIX PART B INTO THE PART A TIN FOR A FEW MINUTES (please note it is essential to wear protective gloves at all times when the using our products)



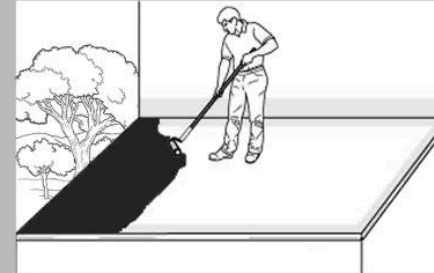
STEP 3

USING A SHORT ROLLER, APPLY A COAT OF VODIPREN 2PUR AT LEAST 4" UP THE WALL AND 4" ONTO THE ADJACENT ROOF SURFACE, CUT A STRIP OF VODITES AND EMBED IT INTO THE WET VODIPREN 2PUR, MAKE SURE THAT IT IS EXTENDED AT LEAST 3" UP THE WALL AND 3" ONTO THE ROOF SURFACE



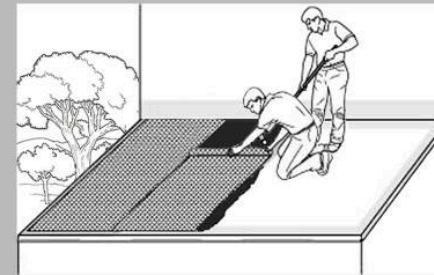
STEP 4

APPLY VODIPREN 2PUR ONTO THE ROOF SURFACE



STEP 5

IF IT IS NECESSARY TO USE THE REINFORCEMENT FABRIC, UNROLL VODITES ONTO THE WET VODIPREN 2PUR, MAKING SURE THERE ARE NO FOLDS OR WRINKLES. AFTER YOU HAVE APPLIED VODIPREN 2PUR TO THE WHOLE SURFACE, EMBED THE FABRIC INTO THE WET VODIPREN 2PUR OVERLAPPING EACH LINE OF FABRIC SESSION BY 3" OR 4"



STEP 6

APPLY THE SECOND COAT OF VODIPREN 2PUR TO THE VODITES, CAREFULLY COVERING THE WHOLE SURFACE

STEP 7

WHEN THE VODIPREN 2PUR HAS DRIED FULLY (UP TO 15 DAYS) YOU CAN APPLY VODICOLOR TOP USING A ROLLER OR BRUSH (IN THE CASE YOU HAVE PURCHASED THE BLACK VERSION)



VODIPREN 2PUR

Liquid elastic two component bituminous-polyurethane waterproofing membrane

product info

VODICHEM UK Ltd, part of
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FEATURES

VODIPREN 2PUR is a revolutionary product. VODIPREN 2PUR is a polyurethane resin-based liquid membrane with a low quantity of bitumen distilled in solvent. The product quickly vulcanizes in contact with air humidity producing a very elastic and adhesive film with excellent chemical and physical resistance features. VODIPREN 2PUR can be used for waterproofing new terraces, balconies, old felts, metal roofing, concrete roofing etc. VODIPREN 2PUR can be used as a single coat product and as a wet on wet system. VODIPREN 2PUR when cured is UV stable and able to withstand pedestrian traffic. VODIPREN 2PUR maximizes your time!

PRIMARY USE

- ▶ Waterproofing of terraces and balconies
- ▶ Re-waterproofing of old bituminous membranes and metal roofing
- ▶ Waterproofing of roofs and flat concrete surfaces of different shapes
- ▶ Roof gardens
- ▶ Under slate waterproofing etc.

ADVANTAGES

Solvent based / Fully bonded / Seamless / UV stable / Can be reinforced with reinforcement fabric / Cold applied / Excellent elasticity and tensile strength / Suitable for green roof / Waterproof in a single process application / Curing time can be accelerated



available in black and grey



packaging 25 kg



designed for terraces, balconies, roofs



450% elasticity



professional product



Curing time can be accelerated

TECHNICAL SPECIFICATIONS

Chemical basis	▶ Black version:	PART A: bituminous solution PART B: polyurethane resin
	▶ Grey version:	PART A: reactive thixotropic paste PART B: aliphatic polyurethane resin
Colour	Black, Grey	
Specific gravity	1,2 ± 2% gr./ml (EN ISO 2811-1)	
Solid content	80% ± 2%	
Touch drying time (at a temperature of 25°C, R.H. 70%)	▶ Black version:	about 2 hours
	▶ Grey version:	about 1 hour
Hardening (at a temperature of 25°C, R.H. 70%)	2 mm. in about 24 hours	
Over-paintability	after 15 days	
Break elongation	4,5 N/mm ² (DIN 53504)	
Elasticity	450% (DIN 53504)	
Shore hardness	32/37	
Application temperature	from +5°C to + 35°C	
Operating temperature	from - 20°C to + 80°C	
Minimum consumption suggested	Kg. 2,5/sq.mt.	
Packaging	Kg. 25 cans	
Storage	6 months in the original cans	

INSTRUCTIONS FOR USE

Primer:

Treat all the surfaces where VODIPREN 2PUR will be used, by applying approximately 0.350 kg/sq.mt. of VODIPRIMER with BLACK version, or 0.300 kg/sq.mt. of VODIRESIN PRIMER with GREY version, avoiding product stagnation. Wait for the primer to dry completely.

Mix:

VODIPREN 2PUR is a two component material comprising of Part A (Base) and Part B (Activator) which must be mixed together prior to use. The Part B (resin) should be added to the Part A container and mixed using a mechanical paddle mixer until an even colour is achieved. Take care to ensure that no unmixed material remains around the edges or bottom of the container. Wait for a few minutes before applying the product using a brush, roller or spray gun onto completely dry and clean surfaces. The waterproofing process should commence with the critical areas (corners, edges, cracks and joints). For corners we recommend the use of a short roller. Apply a coat of Vodipren 2PUR at least 4" up the wall and 4" onto the adjacent roof surface. Cut a strip of VODITES and embed it into the wet VODIPREN 2PUR, make sure that it is extended at least 3" up the wall and 3" onto the roof surface. Then the VODIPREN 2PUR can be applied onto the whole horizontal surface.

For green roofs or plywood, we recommend the use of our VODITES reinforcement fabric on the whole surface, applying approximately 700gr./sq.mt. of VODIPREN 2PUR beforehand as a first coat then embedding the reinforcement fabric into the wet VODIPREN 2PUR. The second coat of VODIPREN 2PUR can then be applied. (We recommend completing the whole surface with a first coat and application of the reinforcement fabric. Then applying the second coat of the VODIPREN 2PUR starting from initial application area.)

The excellent features of VODIPREN 2PUR can also be used as a SINGLE COAT PRODUCT, using up to 3Kg per sq.mt. (However for best results we always recommend two coats). The dry film has a fair UV resistance so after it is fully cured (at least 15 days), we suggest using a coat of VODICOLOR TOP.

Apply using a roller, brush or spray gun. Tools may be cleaned using the thinner VODISINT before the product dries. If the surface requires a higher quantity of product, (2.5kg/sq.mt. and above) the application of VODIPREN 2PUR GREY should be carried out in two different sessions, with an interval of at least 3 days between the first and the second application.

BEWARE

Once mixed up (A+B), VODIPREN 2PUR must be used within a limited time (approximately 30 minutes at a temperature of 20°C) but its curing time depends on relative humidity too. We suggest preparing and using one can at a time. In case of high humidity or high temperatures, it is possible to dilute the product (max. 10%) with our solvent VODISINT.

In case of bubbles, use a bubble-breaking roller.

PRECAUTIONS

VODIPREN 2PUR is solvent-based; apply the product in well-ventilated areas only. Keep away from sources of ignition. Do not eat or smoke when applying the product. Store the product in the original cans in an open-air and dry area.

Once mixed up (A+B), the product must be used immediately. For the application of the product at low temperatures (lower than +10°C for the black version / lower than +5°C for the grey version), it is possible to use our accelerator CATAPUR to achieve a quicker vulcanization, mixing it slowly and uniformly for a few minutes. The consumption depends on the temperature, it is from 0,05% to 0,2% (from 12 ml to 50 ml per can, previously diluted with a low quantity of VODISINT), considering the total weight of Kg. 25 (A+B). Please note we suggest carrying out some test applications to determine the correct quantity to use on your surface. At a temperature of 20°-25°C and a relative humidity of 50-60%, the product's performance will be at 80-90% in 3-5 days; its complete curing will take 8-10 days.