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The Paint Specialist



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08111 381 686

B01/HPR980/eng/03032025/OMP

Heatproof
Heat resistant
Stay cool in hot weather



**Heat reflective coatings
for wall and roof with
excellent waterproofing properties**



Heatproof-heat resistant coating

Keeps Your Building Cool in Hot Weather

Heatproof HPR-980 is a heat-resistant coating that also functions as a waterproofing and anti-corrosion layer. It is highly suitable for application on exterior and interior walls, facades, clay roof tiles, zinc roofs, factory metal roofs, galvalume roofs, and asbestos roofs.

UV Shield technology in Heatproof can reduce indoor temperatures by up to $\pm 5^{\circ}\text{C}$.

Advantage:

Heat Resistance

Reduces Temperature by up to 5°C

Waterproofing

waterproof

Anti Corrosion

Clean & hygenic

Excellent adhesion

Durable and long lasting

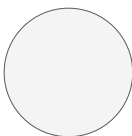
Alkali Resistance

No alkali sealer needed

Sound proofing

Quiet living space

Color option:



White



Cream



Light Grey



Grey

Technical Data:

ITEM	RESULT	STANDARD TEST
Adhesion on metal	$> 1.5 \text{ N/mm}^2$	ASTM D-4541
Adhesion on concrete	$> 1.5 \text{ N/mm}^2$	ASTM D-4541
Adhesion on genteng	$> 1.5 \text{ N/mm}^2$	ASTM D-4541
Tensile strength	$> 1 \text{ N/mm}^2$	ASTM D-412
Elongation	$> 250 \%$	ASTM D-412
Gloss Level	Doff	Gloss meter
Water Resistant	Excellent	Karsten test
Total solar refelective (300 mic)	White $\pm 85 \%$ Grey $\pm 47 \%$	
Solar refelective index (300 mic)	White $\pm 110 \%$ Grey $\pm 55 \%$	

Application:

Application tool	Roll, brush
Mixing ratio	Ready for Use
Material consumption	0.5 L/m^2 (300 mic DFT)
Recomendation Application	2x layers (250 ml/layer)
Theoretical coverage	$2 \text{ m}^2/\text{L}$ (300 mic DFT)
Drying time	Touch dry : 60 minutes Full curing : 24 hours
Ready to use	after 24 hours
Packaging	4 L and 20 L





PU BITUMEN PUB-990

Water Based Bituminous
Waterproofing

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PU Bitumen PUB-990

Water Based Bituminous Waterproofing

PU BITUMEN PUB-990 is excellent waterproofing material. This material have been widely used in Europe as waterproofing in bathroom prior to tile installation and also being used as outerwall of basements and outerwall of swimming pool which directly contact with earth and other area that required waterproofing protection.

PU BITUMEN PUB-990 is made from PU polymer and selected bitumen. This combination results high elongation, high tensile strength and very low water absorption waterproofing coating.

PU BITUMEN PUB-990 properties are matched with Indonesian National Standard (SNI) and now have been used widely as waterproofing in many Indonesian housing complex's bathroom area.

Advantages :

- Easy to apply
- High flexibility
- Excellent waterproofing effect
- Alkali resistance
- Excellent adhesion to plaster or tile adhesive
- Protect basement and swimming pool groundwater

Aplication Area :



Bathroom floor



Outerwall of Basement



Outerwall of Swimming pool

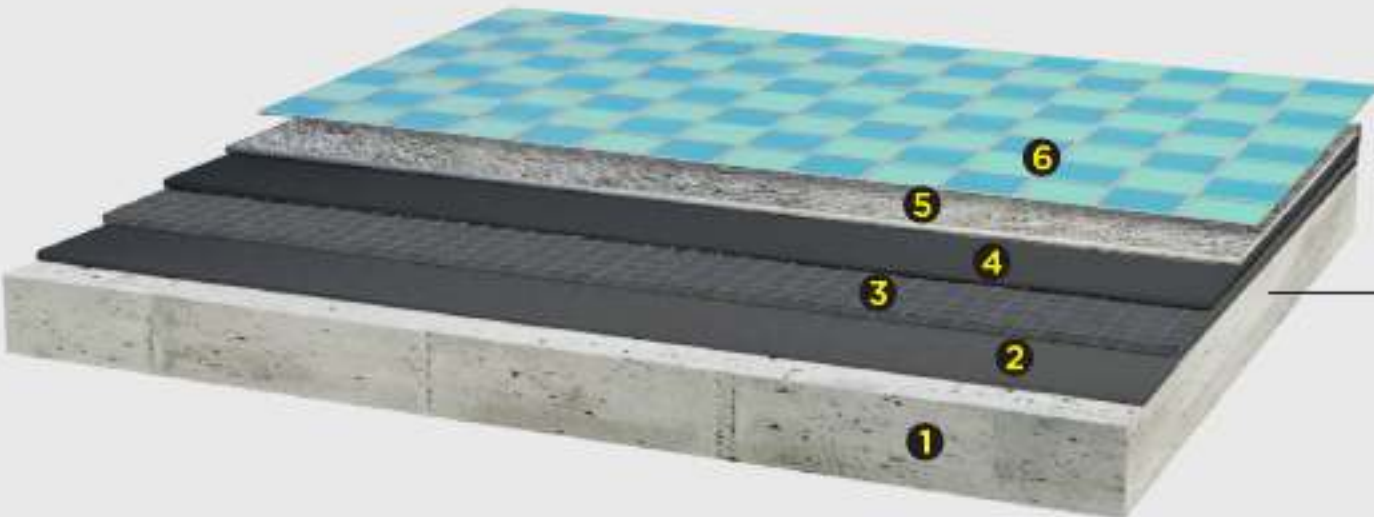


Technical Data :

- Adhesion to Substrate	± 5 N/mm ²	ASTM D-4541
- Hardness	50 Osc	ASTM D-2370
- Tensile Strength	± 2.3 N/mm ²	ASTM D-2370
- Elongation	± 800 %	ASTM D-471
- Water Absorbtion	±8.1 %	ASTM D-570
- Crack Bridging	± 20 mm	ASTM C-835:00

Application :

Application tool	: Roll & Brush
Specific Gravity	: 1.00 ± 0.05 gr/cc
Consumption ammount	: 1 kg/m ² (400 mic DFT)
Theoritical Coverage area	: 1 m ² /kg (400 mic DFT)
Drying	: Surface dry : 4-6 hours
	: Hard dry : 2 days
Ready to use	: 2 days after application
Shelf life	: 12 months



System for Bathroom :

1. Concrete / substrate
2. PU Bitumen PUB-990, Ca 200 gr/m² + Fiber net
3. PU Bitumen PUB-990, Ca 400 gr/m²
4. PU Bitumen PUB-990, Ca 400 gr/m²
5. Tile adhesive
6. Ceramic

ULTRAFLEX CEMENT

UFC-910-2K WB

High Performance Cementitious
Waterproofing Membrane



Certificate ID03/0111



Certificate ID11/1102954057



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Ultraflex Cement UFC-910-2K WB

High Performance Cementitious Waterproofing Membrane

Ultraflex Cement is a 2-component waterproofing material made from a mixture of cement, sand, and water-based acrylic polymer. This mixture form a polymer concrete with a strong, highly flexible, and highly waterproof membrane. This polymer cement membrane can be reinforced using fiber net, creating a very strong waterproofing membrane.

Ultraflex Cement membrane is very suitable to use as waterproofing in water reservoirs and swimming pools, where the area is always immersed with water and it is also suitable for waterproofing basement walls and concrete deck used as car parks.

Advantages

- Excellent waterproofing ability
- Rigid yet flexible (crack bridging)
- Very low water absorption
- High tensile strength
- Water based, environmentally friendly and non toxic
- Easy to apply (slurry and trowelable)

Technical Data

Adhesion to Substrate	$\pm 2 \text{ N/mm}^2$	ASTM D-451
Hardness	70 - 75 Osc	ASTM D-2240
Tensile Strength	$> 1.5 \text{ N/mm}^2$	ASTM D-2370
Elongation	$> 110 \%$	ASTM D-2370
Water Absorption	$< 10 \%$	ASTM D-471
Water Pressure Test	25 r/m^2	ASTM D-1653
Crack Bridging	$< 3 \text{ mm}$	ASTM C - 1835:00

Application

Application	Roll, brush, and trowel
Specific Gravity	$1.80 \pm 0.05 \text{ gr/cc}$
Pot Life	30 - 60 minutes
Ready to use	± 3 days application
Material Requirement	2 Kg/m^2 (1000 mic DFT thickness)
Theoretical Coverage	$0.5 \text{ m}^2 / \text{kg}$ (1000 mic DFT thickness)
Drying Time	Touch dry : 2 hours Fully cured : 3 days
Packaging	15 kg-set and 30 kg-set
Shelf Life	Shelf Life 1 year for liquid and 6 months for drymix, store in a closed and dry room



Ultraflex Cement UFC-910

- Specially design for :
- Swimming pools
 - Water Tank/ Water restore point
 - Basement walls
 - Rooftop for carpark

Usage Area



Water tank

1. Concrete / Substrat
2. Ultraflex Cement UFC-910 CA 1000 gr/m² + Fiber net
3. Ultraflex Cement UFC-910 CA 1000 gr/m²
4. Multipox MX-98-2K SB Ca 400gr/m²



Swimming pool

1. Concrete / Substrat
2. Ultraflex Cement UFC-910 CA 1000 gr/m² + Fiber net
3. Ultraflex Cement UFC-910 CA 1000 gr/m²
4. Ceramic



Basement wall

1. Concrete / Substrat
2. Ultraflex Cement UFC-910 CA 1000 gr/m² + Fiber net
3. Ultraflex Cement UFC-910 CA 1000 gr/m²
4. PUAS-620-2K WB Ca 400gr/m²



Roof top for car park

1. Concrete / Substrat
2. Ultraflex Cement UFC-910 CA 1000 gr/m² + Fiber net
3. Ultraflex Cement UFC-910 CA 1000 gr/m²
4. PUAS-620-2K WB Ca 400gr/m²



Ultraflex Membrane UFM-930

Liquid PU Waterproofing Membrane

Liquid Waterproofing Membrane 1 Komponen yang terbuat dari Liquid Polymer Polyurethane hibrid dengan acrylic emulsion berbasis air dengan tensile strength yang tinggi, sangat cocok untuk mengatasi kebocoran pada dak beton, sangat kedap air, elastis, dan tahan sinar matahari, terbukti efektif mengatasi masalah kebocoran pada dak beton, rumah tinggal, ruko dan bangunan tinggi.

Keunggulan

- Liquid membrane satu komponen mudah di optimalkan
- Sangat kedap air, water absorption rendah
- Sangat lentur, tensile strength tinggi
- Dapat menjembatani retak pada beton
- Tahan cuaca dan sinar UV
- Jaminan mutu 5 tahun

Area pemakaian



Dak Beton Rumah & High Rise Building



Dak Beton Ruko



Dak Beton Masjid



Data Teknis

Adhesion to Substrate	1.5 N/mm ²	ASTM D-4541
Hardness	65 - 70 osc	ASTM D-2240
Tensile Strength	2.8 N/mm ²	ASTM D-412
Elongation	> 400 %	ASTM D-412
Water Absorbsion	15 - 20 %	ASTM D-570
Water Pressure Test	180 - 200 gr/m ²	ASTM E-96
Crack Bridging	< 25 mm	DIN-1164

Aplikasi

Alat Aplikasi	Roll, kuas, dan trowel
Berat Jenis	1.39 ± 0.04 gr/cc
Siap Digunakan Setelah	± 7 hari aplikasi
Kebutuhan Material	1 - 1.2 Kg/m ² (ketebalan 500 mic DFT)
Daya Sebar Teoritis	0.8 - 1 m ² /kg (ketebalan 500 mic DFT)
Kemasan	1 kg, 4 kg dan 20 kg
Masa Simpan	1 tahun, simpan dalam ruangan tertutup dan kering
Kecepatan Kering	Kering tekan : 2 - 3 jam Kering sempurna : 3 hari



Rekomendasi 1

1. Concrete / Substrat
 2. Ultraflex Membrane UFM-930 (Diencerkan 1:1 dengan air) CA 200 gr /m²
 3. Ultraflex Membrane UFM-930 CA 300 gr /m² + Fibermatt
 4. Ultraflex Membrane UFM-930 CA 300 gr /m²
 5. Ultraflex Membrane UFM-930 CA 300 gr /m²
- Total tebal ± 500 mic. dengan fibernett

ULTRAFLEX MEMBRANE UFM-930

LIQUID PU WATERPROOFING MEMBRANE

Perlindungan
Maksimal
untuk
Dak Beton
Anda!



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Tersedia dalam warna :



Warna biru identik dengan warna air sehingga kolam terlihat natural. Pemilihan warna biru disarankan jika menginginkan warna kolam yang cerah.

Warna hijau kolam tentunya juga akan terlihat natural seperti lumut yang akan mempengaruhi pertumbuhan ikan lebih optimal.

Warna hitam kolam jika dibandingkan dengan warna ikan koi tentunya kontras. Pemilihan warna hitam disarankan jika menginginkan koi terlihat lebih jelas dan terfokus.

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Brochure no.01/UP-990/OMP

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ULTRAPOND

**Aman
Untuk Ikan**

Tidak beracun

**Kedap
Air & Elastis**

Tahan bocor

**Praktis
& Tahan Lama**

Aplikasi mudah

B02/R2/11012022/OMP



ULTRAPOND merupakan pelapis anti bocor berbahan dasar water based cementitious 2 komponen. Tidak beracun sehingga aman dan cocok digunakan untuk kolam ikan.

KEUNGGULAN :

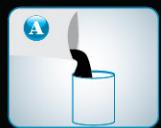
- Anti bocor dan anti rembes
- Tidak Beracun
- Elastis
- Memiliki adhesi yang baik
- Mudah diaplikasikan (kuas/roll)

Persiapan permukaan :



Permukaan kolam harus berumur minimal 21 hari sejak diplester/diaci. Bersihkan permukaan dari kotoran yang menempel. Pastikan tidak terdapat retak, jika terdapat retak, harap ditambah/diperbaiki terlebih dahulu.

Pencampuran :

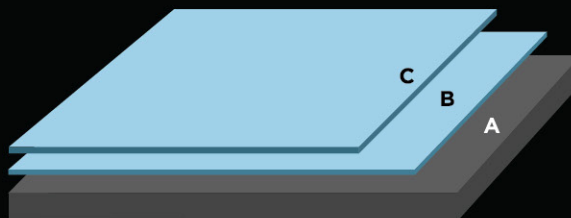


Tuangkan Komp. A (cair) terlebih dahulu pada wadah bersih. Secara perlahan tuangkan Komp. B (bubuk) ke dalam wadah yang sudah berisi Komponen A (cair). Masukkan bubuk secara perlahan dan aduk menggunakan mixer lalu diamkan beberapa saat dan aduk kembali saat hendak diaplikasi.

Aplikasi :



Aplikasikan lapisan pertama dengan kuas / roll, diamkan hingga kering sentuh. Aplikasikan lapisan kedua secara menyilang, tunggu hingga kering sempurna.



		Kebutuhan Bahan	Selang Waktu Pengecatan
A	Plastered surface		
B	Coat 1 (UP-990)	500-700 gr/m ²	30 menit
C	Coat 2 (UP-990)	500-700 gr/m ²	

Jenis	: Cementitious Waterproofing
Rasio Pencampuran	: A : B = 1 : 1,5
Kebutuhan bahan Rekomendasi ketebalan	: 500-700 gr/m ² per lapis (250-300 micron)
Kecepatan kering	
Kering sentuh	: 30 menit
Kering sempurna	: 7 hari *
Kemasan	: 2,5 kg-set & 10 kg-set
Umur simpan	: 12 bulan



* kolam siap digunakan (diisi air dan aman untuk ikan) setelah kering sempurna

TECHNICAL DATA :

Type	Elastomeric acrylic polymer
Color	16 color options (as per color chart)
Density	± 1,2 gr/cc (Varies by color)
Solid Content	± 40 %
Material Consumption	300 gr/m ² (100 micron dry film thickness)
Recommended Dry film thickness	300 microns DFT for waterproofing 200 microns DFT for rainproofing
Application tools	Brush, roller or spray
Thinner	Clean Water
Drying time	60 minutes (30° C)
Recoating time	Minimum : 2 hours (30° C) Maximum : -
Packaging	1 kg, 4 kg and 20 kg

TEST PRODUCT VIDEO

Elasticity Test



or access the following links
https://bit.ly/tes_elastisitas

Crack Test



or access the following links
https://bit.ly/tes_retak



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Brochure no.02/UPR/ADT

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WHEN YOU THINK OF LEAKS,
THINK ULTRAPROOF
MORE FLEXIBLE,
MORE WATERPROOF

B02UPR-ENG/19032025/ADT-OMP



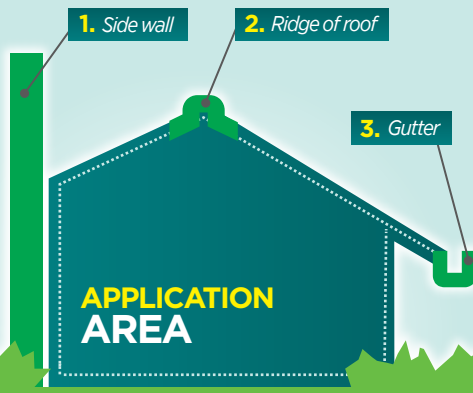
ULTRAPROOF®

ULTRAPROOF is a waterproof and rainproof protective coating formulated with elastomeric water based acrylic polymer. It is very elastic with high elongation ($\pm 600\%$), uv light resistant and water resistant.

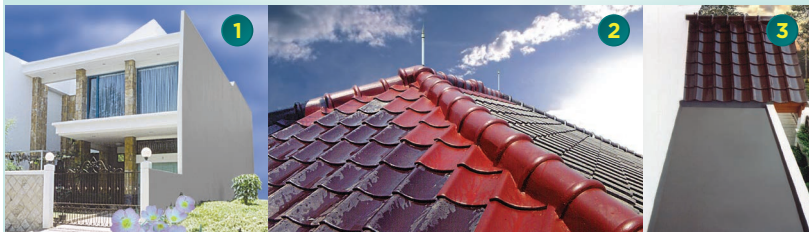


ADVANTAGES

- Waterproofing
- Rainproofing
- Bridging hair cracks
- Fungi resistant
- Heat insulation
- Decorative
- Environmentally friendly



APPLICATION AREA



ULTRAPROOF is not a material to treat structural cracks, which will continue to widen over time.

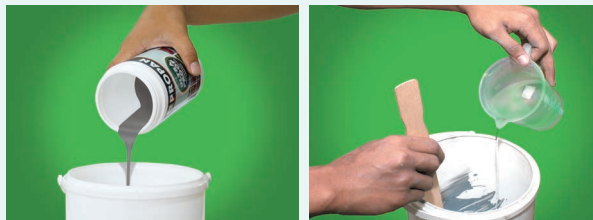
APPLICATION PROCEDURE

SURFACE PREPARATION



Clean the substrate surface from oil, mold/moss, dust, and other contaminants using sandpaper, a wire brush, a cleaning solution, or other appropriate tools

MIXING



First layer :

ULTRAPROOF is diluted with 10% clean water and stirred until evenly mixed.

Second and third layer :

ULTRAPROOF is applied without adding water.

APPLICATION STEPS

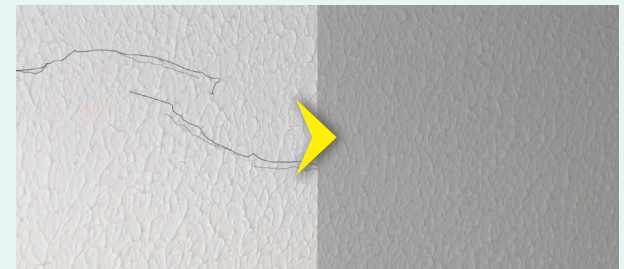
- Apply first layer and let it dry.
- Apply the second and third layers alternately, allowing a minimum drying time of 2 hours between each coat.
- For application, use a brush, roller, or airless spray.



USAGE RECOMMENDATION

HAIRLINE CRACK REPAIR

- Usage mixture of ULTRAPROOF and white cement (1 : 1), add enough water, and press the mixture with a trowel or putty knife into the crack mold.
- For wider cracks, use a mixture of ULTRAPROOF, white cement, and fine sand (1 : 1 : 1), then add enough water.
- For cracks on roof or concrete, apply ULTRAPROOF, then reinforce the surface with fiberglass or gauze fabric. After that, apply a mixture of ULTRAPROOF, white cement, and fine sand (1 : 1), then add enough water.



WATERPROOFING FOR CONCRETE ROOFS, BATHROOM FLOOR, OR WATER TANKS

- Clean the surface
 - Seal cracks and holes using a mixture of ULTRAPROOF, cement, and fine sand (1 : 1 : 1), adding water as needed.
 - First layer: apply ULTRAPROOF mixed with 10 % clean water.
 - Second and third layers : apply ULTRAPROOF without adding water.
 - Before applying the third layer, sprinkle clean sand over the Ultraproof surface.
 - Once dry, clean off any loose sand that does not adhere
- >> For concrete roofs, apply a mortar / plaster layer with a thickness of 2-4 cm using a mixture of ULTRAPROOF, cement, and fine sand (1 : 1 : 4), add water as needed.
- >> For bathroom floors or water tanks, install ceramic tiles and grout as required.



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U-Proof U-93 Leak proof paint



B02-E/U-93/08072025/DRI





U-PROOF U-93 is an elastic & flexible leak proof paint with high elasticity ($\pm 400\%$) UV resistance and water resistance.

400% Elongation
Elastis & Fleksibel
Cover hairline crack

7 years Protection
Long term weather resistance

Leak Proof and Seepage Resistant
Prevents wall seepage

Alkali Resistant & No Primer Needed
Practical to use



Application Area



Side Wall



Gutter



Tile Roof

Application Stages

	Product Name	Number of Coat	Thinning Ratio
Base Coat	U - PROOF U-93	1x	10 %
Top Coat		1 - 2x	No Dilution

TIPS: Apply the second and third layer crosswise with and interval of at least 2 hours.

Main Advantages



Technical Data

Type	Elastomeric acrylic polymer
Color	Pastel grey & thousands of tinting colors
Specific Gravity	± 1.2 gr/cc
Solid Content	± 40 %
Application Tools	Brush, roller, and spray
Thinner	Clean water
Drying Time	60 minutes (30° C)
Recoating Interval	Min. 2 hours (30° C)
Packaging	1 kg, 4 kg & 20 kg
Coverage	1 – 1.5 m ² /kg