

# DampLock-WP SYSTEM

A COMPLETE WATERPROOFING & PAINTING SYSTEM FOR ROOF & WALLS

## PRODUCT BENEFITS

- + Waterproofing protection of up to 7 bars of positive hydrostatic pressure.
- + Unmatched crack bridging ability up to 1.5mm due to its elastomeric properties.
- + Reinforced with glass fibers for superior abrasion resistance.
- + Excellent adhesion to concrete, brickwork, corrugated asbestos and asbestos cement sheet.
- + Single pack, easy to apply and simple coating system.
- + Algae and fungi resistant.
- + Eco friendly.
- + Warranty 6 years Waterproofing warranty on Terraces and up to 6 Years on vertical surfaces.  
(\*Warranty years on vertical surfaces will depend upon top coat used, please refer to warranty booklet for more details).

Waterproof  
Roofs & Walls



## DESCRIPTION

DampLock WP is a fiber filled liquid membrane with highly flexible weather & water resistant membrane for all type of exposed roof slabs (new & old), terrace (sloped & flat), exterior walls etc.

DampLock WP contains cross linking polymers, special fiber glass, pigments, special antifungal & high performance additives that provides long lasting flexible water proofing membrane.



WATER  
PROOF



EXCELLENT  
DURABILITY



CRACK BRIDGING



POLYMER  
ADHESION



HIGH STRENGTH



VALUE FOR MONEY



ECO FRIENDLY

## SURFACE PREPARATION

- ☞ **Removal of Fungus**- Fungus & algae existing on the surface can be removed by applying solution of DampLock- Bio wash: water (1:6) solution on the effected surface with roller/ spray & then scrubbing & removal with wire brush. Once fungus is removed, clean/ wash the surface with water to make the surface free from foreign material.
- ☞ **Removal of old Flaking & chalking paint**- In case old building's are painted, where the surface to be treated is chalking/ flaking paint. The same should be removed by intence scrubbing & sanding the surface untill the original plaster is obtained. Damping the surface (loosing & chalking paint) with DampLock- Salt Treat solution: water (1:6) solution prior to rubbing & sanding can help easy removal of old flaking paint.
- ☞ **Repair of cavities/ damage to wall & terrace**- Major repairing of terrace & walls should be patched up with cement: sand: Luxture's Power SBR (1:6:0.25) mortar to achieve proper bonding of material.
- ☞ **Repair of cracks**- Cracks existing on terrace & walls should be thoroughly cleaned, made wider & then filled with Luxture's DampLock Crack Heal (crack's repair mortar).
- ☞ **Repairs of expansion joints of parapet wall**- Pay special attention on the expansion joints & fillets between the horizontal & vertical surfaces, which must be properly waterproofed using DampLock- NVF tapes sandwiched between two layers of undiluted DampLock WP. Before application of DampLock NVF the joints must be cleaned thoroughly & free from any foreign material.
- ☞ Thoroughly cleaning of the surface (terrace/ walls) with clean water after all short of repairs, removal of fungal, removal of chalking paint & repairs of crakes etc.
- ☞ It is also very important to paint the terrace including the top of the parapet walls for proper waterproofing.

\* Warranty is subject to terms & conditions.

# BLOCK THE LEAKAGE & EXTERNAL DAMPNES DURING RAINY SEASSION WITH

## DampLock-WP

### APPLICATION PROCESS OF DampLock WP ON WALLS & ROOF/ TERRACE

Problems on the terrace & walls which need to be checked & subject to the correction prior to the application of DampLock WP.

#### Fungus



For easy removal of fungus & algae use solution of DampLock- Bio- Wash

#### Major Repair



To be patched up & repaired with Luxture's Power SBR.

#### Cracks



To be filled with DampLock Crack Heal

#### Proper Drainage System



To be clean properly & kept free from blockage

#### Porosity of the Surface



To be reduced at minimum with DampLock-Cure Well primer to make concrete harden & sound

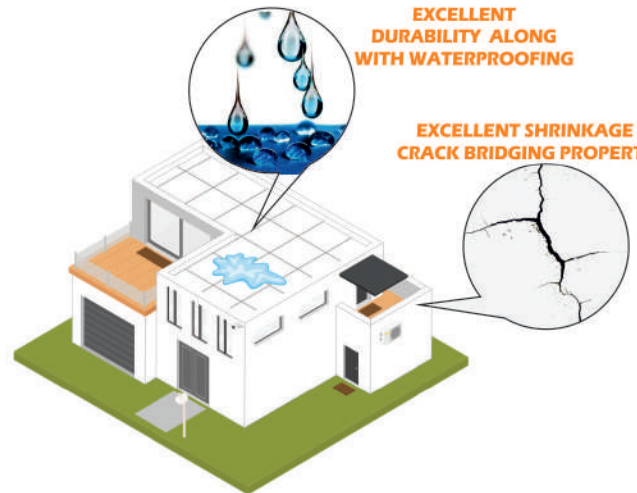
#### Peeling out old painted & chalking surface



For easy scrubbing & removal of old paint use solution of DampLock Salt-Treat

EXCELLENT DURABILITY ALONG WITH WATERPROOFING

EXCELLENT SHRINKAGE & CRACK BRIDGING PROPERTIES

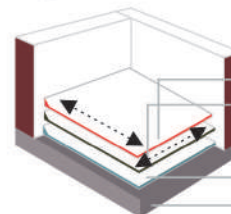


### APPLICATION PROCESS OF DampLock WP

**For terrace-** DampLock WP must be applied with a long-piled roller, brush or by airless spray. First coat will be applied as a primer with the water dilution of (1:1). After getting dry of the primer coat. Second & third coat of DampLock WP will be applied without dilution with water keeping an interval of 6-8 hrs. Second & third coat will be applied in different angle of each other, so that the cross linking layers will form on the surface. It's mandatory to apply and maintain 1mm thickness minimum in entire area. Leave the surface for 24 hrs. to get completely dry. This is very important for terrace waterproofing to cover entire parapet walls.

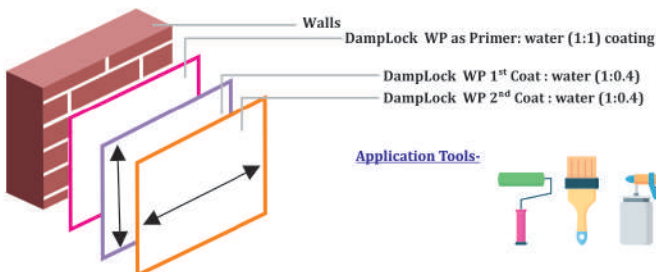


#### Application Tools-



DampLock WP 2<sup>nd</sup> / final coat without diluting in water  
DampLock WP 1<sup>st</sup> Coat without diluting in water

Priming with DampLock WP : water (1:1) coating  
Roof Slab/ Tile Surface



#### Application Tools-



#### For Walls-

- ⤴ Ensure the repaired wall is clean & dry.
- ⤴ Dilute DampLock WP : water (1:1) & apply one coat as primer.
- ⤴ Once the primer get dry dilute DampLock WP with water (1:0.4) & apply two coats keeping as interval of at least 24 hours.

## RECOMMENDATIONS

- \* Do not apply DampLock WP if the temperature is lower than +5°C or higher than +35°C, or if it is about to rain.
- \* Do not apply if there is any dew on the substrate.
- \* Do not apply DampLock WP on wet substrates or on substrates with rising damp.
- \* Apply DampLock WP on surfaces without depressions or hollows and, where required, with the correct amount of slope.
- \* Do not apply DampLock WP on weak or dusty substrates.
- \* If it rains between one coat and another coat of DampLock WP, wait at least 12-15 hours before applying the next coat.
- \* Do not apply on painted metal surfaces, plastic, glass or any other non absorbent surface directly.
- \* Do not use on bituminous membranes that have only recently been applied (< 6 months). Always wait until the surface to be treated has completely oxidised.
- \* Do not use sharp tools & furniture items over the application.

## PREPARATION OF THE PRODUCT

The product is supplied ready-to-use, but mixing before use is recommended so that it is perfectly blended.

## THEORETICAL COVERAGE

On Horizontal Surface- 10-12 Sq. Ft./ Ltr. in 3 coats.

On Vertical Surface- 25-27 Sq. Ft./ Ltr. in 3 coats.

## CLEANING TOOLS

Tools must be cleaned with water immediately after use.

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

DampLock WP is not considered hazardous according to current regulation regarding the classification of mixtures. It is recommended to wear protective gloves and goggles and to take the usual precautions for handling chemicals.

## SCOPE OF APPLICATION OF DampLock WP FOR WATERPROOFING



Roof of the Residential Houses



Walls of the Residential Houses

## PRODUCT INFORMATION

Chemical	: Acrylic based polymer dispersion
Appearance	: Liquid
Density	: ~1.23 kg/l @ 25°C
Alkali Resistance	: 6
Solid content by weight	: ~55-57%
Overall Thickness	: ~1-1.5 mm
Application temperature	: 5°C to 35°C
Packaging	: 1, 4, 10, 20 Ltr.
Colour	: White
Drying Time (To Touch)	: 5-6 Hours
Shelf Life	: 12 months if stored properly in undamaged and unopened original sealed pack.
Storage Conditions	: Store in a cool and dry conditions

## TECHNICAL INFORMATION

Tensile Strength	: 1.4 MPa	ASTM D412
Elongation at Break	: > 200%	ASTM D412
Adhesion in Peel	: > 1.5 MPa (on concrete substrate)	EN 1542
Crack Bridging Ability	: Passes upto 1.5mm Width	ASTM C1305
Water Absorption	: < 10% ( by Mass)	ASTM D570
Microbiological Resistance	: No Algae & Fungal Growth	ASTM D5590

## PRECAUTIONS

- Repair the hollow surface area before applying DampLock WP.
- For oily, existing failure coating surface, carry patch tests to check adhesion of product to substrate.
- The forced coverage leads to failure of long term performance hence it is recommended to ensure coverage as per datasheet only.
- Do not apply during rains or extreme temperatures.
- Not recommended for rain water harvesting purpose.
- Avoid abuses which may lead to puncturing of membrane.
- Ensure that the product is applied at least 6 inches inside the drain pipe.
- For best results, apply coating on parapet walls as well.

Manufactured & Marketed By :

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