Product Code 936004
ALLDRY WALL N ROOF 12
Waterproof Coating

Alldry Wall n Roof 12 is a terrace waterproofing coating formulated with special elastomeric, tough acrylic polymers and PU hybrid polymers. The elastic crosslinking mechanism of the polymer along with the acrylic fibers gives additional reinforcement to the film providing excellent waterproofing warranty of up to 14 years.

PRODUCT BENEFITS

WATERPROOFING
Safeguards against positive hydrostatic pressure of upto 12 Bar thus preventing water penetration into the film.

CRACK BRIDGING
Highly Elastomeric PU hybrid polymer provides crack-bridging of upto 3 mm.

TEMPERATURE REDUCTION
Provides Surface Temperature reduction upto 12ºC.

12 YEARS WARRANTY
12 Years Waterproofing Warranty- 12 years warranty against ingression of water through Terrace

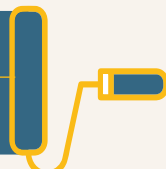### 14 YEARS WARRANTY
14 years Waterproofing Warranty

(Upto 14 years Waterproofing warranty on Exterior Walls. The warranty on exterior walls will be applicable depending on the Birla Opus Exterior Topcoat used.)

PRODUCT FEATURES

ESTIMATED FORCED COVERAGE

Exterior Walls: **Fresh painting: 2.32sq.m/L (25 sq.ft/L)for 2 coats Re-painting 2.79 sq.m/L (30 sq.ft/L) for 2 coats**

Horizontal(terrace, chajjas etc.):
0.93 sq.m/L (10 sq.ft/L) for 3 coats or Parapet Walls on Terrace 2.79 - 3.25 sq.m/L (30-35 sq.ft/L) for 2coats

Recommended usage – To be applied on RCC or plaster using brush or roller. Can be used on building roofs, terraces, parapet, sunshades and exterior vertical walls. It can be applied on IPS, sound brick bat coba or cementitious waterproofing.
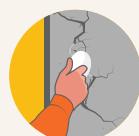
AVAILABLE PACKS
4L
20L

COLOURS AVAILABLE
WHITE

DRYING TIME TO TOUCH
4-6 HRS between recoats

PROCESS TO APPLY

PRE-PAINTING STEPS/ SURFACE PREPARATION

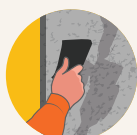**1. Plaster**
Ensure that the freshly plastered surface or new masonry surface is completely cured for at least 28 days.

2. Cleaning
Remove any plants or algae growing on terrace using wire brush or high-speed water jet to remove all the dirt, grease, loose paint or existing bitumen coating.
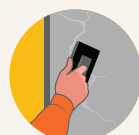
3. Repairing
Check the substrate for any internal spalling, delamination or voids using sounding technique. Structural defects and cracks (>5mm) if any should be repaired with Alldry Repair Master.

4. Filling of cracks
Cracks (upto 5mm) at corner joints, channels and parapets should be filled with Alldry Crack Master Paste or powder.

The surface should be in Surface Saturated Dry (SSD) condition before application of coating.

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PAINTS

ALLDRY WALL N ROOF 12

	STEP	% DILUTION	RECOATING PERIOD
Horizontal Surface Application (3 coats application with effective forced coverage 10 sq ft/L)	Self-Priming Coat	35% with portable water	4-6 hours
	1st Coat	Without Dilution	4-6 hours
	2nd Coat (Perpendicular to 1st coat)	Without Dilution	4-6 hours
Exterior Walls (2 coats application with effective forced coverage 30-35 sq ft/L)	Self-Priming Coat	35% with portable water	4-6 hours
	1st Coat	Without Dilution	4-6 hours

24 HRS

POST PAINTING CARE
Conduct ponding test by filling water up to 5 cm height for 24 hours after 7 days of air curing to ensure leak-free terrace.

SAFETY ASPECTS

- Kindly refer to the MSDS, which gives detailed information on safety measures while handling the paint, which is available on request.
- Store the container with the lid tightly closed in an upright position, in a cool, dry place.
- Keep out of reach of children and away from eatables.
- May be harmful if swallowed. In case of ingestion, seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes or skin, rinse immediately with plenty of water and seek medical advice if irritation persists.
- No added Lead, Mercury, Chromium, Arsenic and other heavy metal compounds.
- Left-over paint/drums should not be disposed in soil or drains or water courses.

TECHNICAL INFORMATION

Drying Time	**4 to 6 hours**
Appearance	**Viscous liquid**
Color	**White**
% Elongation	**Upto 300**
Ponding Test	**Passes**
Crack Bridging Ability (mm)	**Upto 3 mm**
Solar reflectance index	**>100**
Resistance to Positive Hydrostatic pressure	**Passes 12 bar**
Shelf Life	**36 months**

PRECAUTIONS

- Do not apply when ambient temperature is less than 10ºC or above 45ºC
- Do not apply on wet or visibly damp surfaces or when humidity > 80%
- Do not apply if rain is expected within 48 hours after application.
- For surfaces having heavy algal infestation, cleaning with bleaching solution is advised.
- Ensure that the terrace surface has adequate slope to avoid water accumulation.
- All corners, gaps, joints, roof leak repair areas & outlets shall be coated with extra coat.
- Keep the material closed when not in use.
- Ensure end to end application on parapet walls along with terrace and inside drainage pipes upto 6 inches.
- Glass fibre mesh (45 gsm) is recommended at areas with high movements or irregular substrate or to bridge cracks, joints and seams on the substrate. It must be sandwiched between 1st and 2nd coat and placed on surface when 1st coat is still wet.
- The product is designed only for foot traffic and not vehicular or movement of machinery or equipment.

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#TERMS & CONDITIONS

WATERPROOFING -

Safeguards against Positive hydrostatic - pressure of upto 10 Bar -
Based on internal lab results (as per test method - EN12390-8)

TEMPERATURE REDUCTION -

Provides Excellent Surface Temperature reduction up to 10° C - Based on internal lab results (as per test method - ASTMD4803). Temperature recorded from 1 pm to 3 pm with the help of IR gun. Degree of surface temperature reduction will vary depending upon the surface & weather conditions.

WARRANTY -

12 years waterproofing warranty against ingression of water through Terrace - Please
refer to the product warranty document for further details

WARRANTY -

12 years Waterproofing Warranty on Exterior Walls (Upto 11 years Waterproofing warranty on Exterior Walls. The warranty on exterior walls will be applicable depending on the Birla Opus Exterior Topcoat used.) - Please refer to the product warranty document for further details