



DARMA FLEX

Single Component Acrylic Waterproofing



OVERVIEW

Darma flex is a single component, pure acrylic emulsion based highly flexible water proof. It has special industrial components with superior bond and high water repellent properties.

PROPERTIES

- ✓ Water proof and water repellent properties
- ✓ Elastic polymer modified
- ✓ Highly durable and Impact resistant
- ✓ Ideal for heat insulation due to its white color.
- ✓ Single component-ready to use
- ✓ Good adhesion to most surfaces
- ✓ It is easy to apply
- ✓ It can easily be repaired if coating layer damaged
- ✓ High crack bridging and flow through

Surface Preparation

- Clean the surface
- Any adhesion reducing substances like oil, grease, paints, dust must be removed
- Dampen the surface without leaving any standing water

Mixing

- Ready to use
- Stir well before applying to the surface

AREA OF APPLICATION

- ✓ Interior bathroom and kitchen walls
- ✓ Terrace
- ✓ Flat roofs
- ✓ Gutter
- ✓ Tiled roofs
- ✓ Flashing of roofs
- ✓ Over coating existing roof water proofing system

APPLICATION

- Apply the primary coat of at least 1mm thick using a fiber brush or spraying equipment
- Wait 6-8 hours until the first coat dries
- Apply the secondary coat perpendicular (90°) to the first coat (crosswise) in order to cover spaces that were uncovered otherwise because of surface irregularities.
- After 8 hours do water test and proceed to the next phase of construction.

COVERAGE

- It depends on the cleanness and levelness of the surface
 - A 4L of acrylic water proof covers 3.2 m²
 - A 20L of acrylic water proof covers 16m²

PACKAGING

4L and 20 L plastic container

STORAGE

24 months; when stored in dry place in unopened and undamaged original packaging.

PRECAUTIONS

- Always apply the cementations water proof in two coats
- Don't add water
- Avoid using sharp tools after applying water proof
- Eyes and skin should be protected by wearing security goggles, gloves and dust mask.
- In case of contact, wash with plenty of water.
- In case of eye contact, immediately seek medical attention

Technical data

Appearance	Liquid
Color	White
Viscosity (ASTM:D 562)	83KU
PH	7.01
Elongation (ASTM:D 2370)	50%
Tensile strength (maximum) (ASTM:D 2370)	1.01Mpa
Tensile strength (break) (ASTM:D 2370)	1.01Mpa
Tear resistance (ASTM:D 624)	21.5KN/M
Water proofing (ASTM: ES 2470:2005)	No penetration

N.B. The information given in this data sheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions etc.



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