

ULTRADRY

Negative side waterproofing

ULTRADRY UD - 900

No. TD : U-039
Revision : 01
Effective date : 08/07/2021

Product Description

ULTRADRY UD-900 is a waterproofing that made from acrylic emulsion. It is ready to use waterproofing that protects concrete and masonry from infiltration of water. This quality provides good adhesion to substrates, easy to use, damp resistance, impermeable, and a sound base for subsequent painting.

Fields of Application

- Concrete and brick walls
- Basement walls
- Retaining walls
- Landscape walls

Advantages

- Waterbased and environmentally friendly
- Weather and fungus resistant
- Good adhesion
- Damp resistance

Technical Data

Type	:	Water based acrylic
Color	:	White, as shown in color card
Finish look	:	Matt
Solid by volume	:	55 %
Specific gravity	:	1.45 gr/cc
Material consumption	:	0.275 lt / m ² / coat (150 microns)
Drying time	:	
- Surface dry	:	60 minutes (30°C)
- Hard dry	:	4 hours (30°C)
- Full cure	:	7 days
- To apply decorative latex paint	:	24 hours
Packaging	:	1 liter, 2.5 liters
Thinner / clean up	:	Clean water
Thinning ratio by weight	:	Ready to use
Application method	:	Brush or roll
Application temperature	:	25 – 35°C
Humidity	:	Maximum 80 % RH
Wet film thickness	:	275 microns
Dry film thickness	:	150 microns

Recommended thickness	:	300 microns dry film thickness
Re-coating interval	:	Minimum 2 hours (30°C) or when the first coat already dry
Cleaning	:	Use water to clean immediately after use

Instruction For Use

Step	Treatment
Surface Preparation	Surface must be clean, dry, sound and free from all contaminants. Newly build wall must be dry after 28 days old, make sure moisture content of wall $\leq 16\%$ measured using Protimeter appliance and wall alkalinity (pH) 7 – 8 measured using Universal pH indicator. Remove all loosen material or paint residue through brushing and scraping using fibre brush. ULTRADRY UD-900 is not recommended to use over previously painted surfaces. All of the paint must be removed. Treat any areas affected by biological organism like algae, moss or lichen with PROPAN FUNGICIDAL WASH. Repair defect with suitable materials.
Application	Apply ULTRADRY UD-900 as primer and topcoat as soon as the packaging is opened. Protect areas from traffic, rain, dust or other organism which may wreck the coating.

Recommended Coating System

First coat	: ULTRADRY UD-900
Second coat	: ULTRADRY UD-900

As a waterproofing on cement plaster/ concrete wall preventing damp or sip problem

First coat	: ULTRADRY UD-900
Second coat	: ULTRADRY UD-900
Top coat	: Alkali Resisting Primer
(for decorative purpose)	Decorative Wall Paint

Safety Precautions

ULTRADRY UD-900 is non toxic and non flammable and does not contain heavy metals in its materials such as lead. Avoid contact with skin and eyes. Do not inhaled. Wear suitable protective equipment such as goggles, dust mask and gloves. For more information refer to material safety data sheet (available upon request).

First Aid

Skin contact	Wash with soap and water. If irritation occurs, seek medical advice
Eye contact	Rinse immediately with plenty of water. Seek medical advice if irritation persists.
Inhalation	Take the person out to get more fresh air, loosen collar and avoid exertion. Keep patient rested and help using breathing apparatus.