Product Data Sheet

Document No. PDS100-V01

NuCLAD Basecoat

DESCRIPTION

NuCLAD Basecoat is a highly polymer modified (cement based) render, manufactured for difficult surfaces. It is primarily used as basecoat for expanded polystyrene (EPS).

KEY BENEFITS

NuCLAD Basecoat will provide excellent adhesion to expanded polystyrene (EPS), concrete panel, FC sheet & previously painted surfaces. A bag of NuCLAD Basecoat contains pre-blended materials, ready to use (just add water, stir and apply) ***No additives means less confusion and greater productivity***

SURFACE PREP. & TEMPERATURES

Surface

- The surface to which this product is applied to should be clean, dry, stable, dirt and dust free, and able to receive a coating.

Temperatures

- During application, the temperature of the substrate should not be below 5°C or over 35°C.
- Protect freshly applied render from high wind, freezing, frost and temperatures below 5°C for 48 hours after application.
- The rendered surface should also be protected from rain for up to 24 hours after application.

APPLICATION

Care should be taken to ensure that NuCLAD Basecoat is thoroughly mixed, using a Mixing Drill in an appropriate vessel.

Mixing

- 2-4 litres of clean water (without additives) into a mixing vessel and, with the mixer in operation, add one full 20Kg bag of NuCLAD Basecoat and mix until the mix is well dispersed.
- let the mixed contents stand for 5 minutes and give a further mix adding water or render if required to bring the mix to a creamy consistency.

Mesh

- When rendering EPS do not force the mesh into the render, it should be just below the surface
- The reinforcing mesh should overlap the preceding one by a minimum of 50mm.

Never attach the mesh to the polystyrene.

CLEAN UP

NuCLAD Basecoat should be cleaned from all tools and equipment with clean water immediately after use.

STORAGE

NuCLAD should be stored under cover, out of direct sunlight and avoiding extreme temperature changes. Under normal storage conditions (5 - 35°C, away from extremes) sealed, unopened containers of this material would have a shelf life of 6 months from the date of manufacture. If stored for longer than 6 months, product must be rechecked for suitability in the intended application.

PACKAGING & WEIGHT

Bag Material - Poly Lined Paper Sack

Bag Contents – 20Kg Per Bag

Pallet - 50 Bags, Total Pallet Weight 1000Kg

DRYING & CURING

Drying and curing of the product is affected by porosity of the surface/substrate, temperature, humidity, ventilation, climate conditions and application technique and therefore drying and curing can only be given as a guide.

- Touch Dry approximately 2 Hours
- Hard Dry 12 to 24 Hours
- Re-Coat when product is hard dry

However, If using a full acrylic topcoat (example Paint/Wet Texture) there must be no more than 12% moisture content in the surface at the time of coating (Approximately 7 - 28 days).

COVERAGE

Raw Polystyrene Panel (EPS)	1st Coat at a thickness of 2-3mm	2nd Coat at a thickness of 2-3mm	Approx. Coverage 5-7sqm per coat

Notes:

- The total render thickness must be no less than 4mm over the two coats.
- The theoretical coverage is based on this product applied in accordance with the NuCLAD EIFS Technical Manual, which can be obtained by the manufacturer.

OTHER SUITABLE SUBSTRATES

NuCLAD Basecoat is suitable for use over all correctly prepared substrates including;

- Pre-Coated Polystyrene Panel (EPS)
- Hebel Powerpanel
- Painted/Glazed Brick
- Fibre Cement Sheet (FCS)
- Slab Edge and Tilt Panel Concrete

Please contact our office on 03 **9544 8666** or visit our website **www.NuTex.com.au** for substrate specifications.

HEALTH & SAFETY

Please consult the S**afety Data Sheet** and read the product packaging carefully before use. Safety Data Sheets are available by phoning **03 9544 8666**.

Conditions of Use and Disclaimer

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Whilst NuTex Coatings takes every care to ensure that any impurities in the Product are eliminated at the time of manufacture, components of the product are natural materials including sands or mineral earths which may occasionally result in minor visual blemishes, NuTex Coatings shall not be liable for any such blemishes.

NuTex Coatings Pty Ltd
1-11 McNaughton Rd, CLAYTON VIC 3168
Ph: (+61) 03 9544 8666
Website: www.NuTex.com.au