

Durex Neoplast

Polymer-Modified Floor & Wall Coating

Description	Durex® Neoplast is a mineral wall decorative coating designed for application over masonry, plaster and concrete substrates. It forms a strong chemical bond to the cement. Durex® Neoplast is rated non-combustible.
Uses	Durex® Neoplast is best used for applications over solid cement containing substrates. Durex® Neoplast is an economical one-coat decorative finish with plaster-like qualities that allows for substrate rectification while texturing and decorating all in one pass. Applications thicker than 15 mm should be done in two coats.
Features	<p>Durex® Neoplast is a user-friendly premix which requires only the addition of potable water. It provides the following features:</p> <ul style="list-style-type: none"> . Breathable . Excellent workability . One-coat coloured texturing system . Minimum mixing time . Low cost . Consistency and ease of duplication of mixes . Rated non-combustible

TECHNICAL DATA

PHYSICAL PROPERTIES

Product Type	Mineral-based plaster dry mix
Appearance	Dry powder, white or slightly coloured
Toxicity	Non-toxic
Bulk Density	1410 Kg/m ³
Mixing Ratio	1 bag Durex® Neoplast 7 litres water
Pot Life	> 4 hrs
Coverage	Average coverage 15 Kg/ m ² at 10 mm thick (or 1.5 m ² per bag at 10 mm thick) Coverage will vary depending on the condition of the substrate

PERFORMANCE PROPERTIES

PERFORMANCE PROPERTIES	METHOD	RESULT
Water Vapour Transmission	ASTM E96	245 ng/(pa.s.m ²)
Weather Resistance	ASTM G53	No loss of adhesion, fading or checking
Non-combustible	CAN/ULC S114	Rated non-combustible

Packaging Durex® Neoplast is available in standard White and Grey and as well can be pigmented to a variety of pastel or medium tint colours. Packaged in 22.7 Kg (50 lbs) bags.

Storage Store Durex® Neoplast in a dry, vented, waterproof location, stacked off the ground with ambient temperatures above 5°C (41°F). Keep materials dry, protected from rapid temperature changes, dampness, moisture and away from direct sunlight.

Mixing Procedure Discard all materials which have begun to harden. Mix Durex® Neoplast with potable water in the required proportions.

. Durex® Neoplast	1 bag
. Potable Water	7 litres

Manual mixing is not advisable. For optimum mixing use a low-speed (500 rpm) paddle mixer. Add powder to water under constant agitation until smooth and free of lumps. Allow the newly mixed product to sit for a minimum of 5 – 10 minutes followed by re-tempering and adjusting the viscosity to desire. **DO NOT SUBSTITUTE NOR COMPENSATE DUREX® NEOPLAST WITH OTHER ADDITIVES.**

Application Keep newly applied material from rapid evaporation. In hot, dry conditions, keep surface moist by using wet burlap or light misting with potable water. For best results, surface should be maintained moist to prevent uneven drying (prevents discolouration and mud cracking).

Limitations	<ul style="list-style-type: none"> . Mix Durex® Neoplast only with potable water . Ambient, surface and material temperatures are below 5°C (41°F) during application and curing period . Do not use material that has started the setting process . For leveling badly damaged substrates
Clean-up	Clean all tools promptly after each use with clean water. Do not allow mixes to dry on tools.
Health and Safety	For information and advice on the safe handling, storage and disposal of chemical products, refer to the most recent SDS sheet containing physical, environmental, toxic and other safety/materials handling data. For industrial use only. Keep out of reach of children.
Warranty	Durabond warrants this product is free of manufacturing defects, and will replace at no charge, provided it has been applied within 12 months of purchase, it has been installed for uses suitable for this product and in accordance with the manufacturer's instructions.
Technical Services	Technical support is available upon request at info@durabond.com . For the latest version of this data sheet, please visit our website at www.durabond.com , call toll free at 1-877-DURABOND (387-2266) or speak with your Durabond Products Ltd. sales representative.

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