

MODNITE

A polymer Modified White/Gray Cement Based Wall Putty

DESCRIPTION:

- Modnite is a specially blended premixed powder for thin and final coat plaster finish on wall and ceiling or on cement-sand plaster.
- Modnite is specially developed as a finishing coat to cover the unevenness and pinholes created by plastering and to prepare the wall/surface for painting. It can also be treated as a base coat for painting.

USES:

- Applied on precast wall panel, wooden boards, or smooth concrete surface
- For repairing cement-lime plasters inside the building.
- It may be applied both to fill deep losses (e. g. chases after installation work) and to smooth the plaster surface as well.

FEATURES AND BENEFITS:

- Smoothen the wall with excellent finish.
- Enhance binding of the paint with the wall
- Decrease paint consumption
- Excellent alkali & efflorescence resistance.
- Nonhazardous, nontoxic, and both environmentally and user friendly Excellent adhesive strength.
- Easy Application.
- Protects expensive paint from flaking, dampening and peeling off .
- High Bond Strength
- No shrinkage cracks
- Economical
- Premixed
- Compatible with all kind of paint and distemper
- Provides smooth finish

SURFACE PREPARATION:

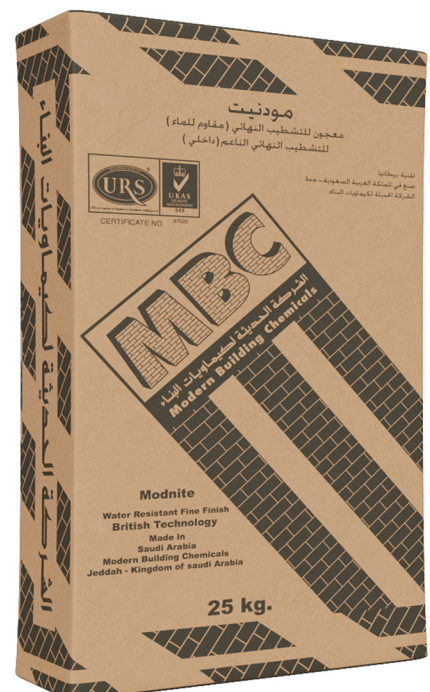
- Surface must be clean, free from dust, grease, oil, and heavy soot, chalk, mildewed. Chalk joints and fill holes where necessary. All old loose, flaking or peeling paint must be removed.
- For new walls:- New surface requires preparation such as removal of dust, dirt and foreign matter. In case of cracks, voids & damages it should be repaired. Surface should be in just-wet condition, prior to putty application.
- Old Unpainted Surface: All loose material, organic growth, dirt, dust, etc. must be removed with steel blade or wire brush. Surface should be in just-wet condition, prior to putty application.
- Old Painted Surface: Scrub the surface with coarse wire brush / sand paper and clean thoroughly so that it is free from old paint / dust particles till the cementitious / plastered surface is seen. Surface could be washed with water, however ensuring that surface should be in just-wet condition, prior to putty application.

MIXING & APPLICATION:

- Modnite is supplied as a dry premixed material, and is mixed on site with clean water only. Mix continuously by hand or using an electrical stirrer to obtain a homogenous lump-free paste. Leave the mix to slake for 10 minutes. Remix the past for about 2 minutes before use .

MODNITE

Modnite



- 25kg bag Modnite powder needs (9-10lit) water.
- Modnite mix has a pot life of approximately 2hours when mixed. DO NOT USE mixture that has begun to set beyond this pot life.
- Dampen the surface to be plastered with clean water. Use a steel trowel/blade to apply the mixture of about 0.5-1 mm thickness. Level and smoothen the surface and cure the first coat lightly once it dries.
- Apply the second coat of 0.5-1 mm thickness once the first coat is fully dried and set. The thickness of each coat should not exceed 1 mm.
- The total thickness of putty should not be more than 3 mm.
- Smoothen with steel trowel or sand paper, if required.
- Wipe & clean the surface.
- Apply a coat of MBC- Acrylic Primer . Allow the primer to dry for 3 ~ 4 hours.
- Finally apply recommended Painting system.

Coverage

- Coverage is based on smoothness and evenness of the substrate, type of plaster done and the thickness of mortar used.
- One Square Meter Needs 0.4-0.5 kg Powder Putty Three Coats .

TECHNICAL DATA	
Appearance	White /Gray powder
Mix Density @ 25 °c	1.5 - 1.6 gm/cm ³
Aggregate size	0.10 mm max
Water for mixing	36 - 38%
Application thickness	1 - 3 mm
Pot life	2 hour
Compressive strength EN1015 - 11 @28day	>5 N/mm ²
Flexural strength EN1015 - 11 @28day	>2 N/mm ²
Bond strength EN 1015 - 12 @28 DAY	>0.5 N/mm ²

CLEAN UP INSTRUCTIONS:

- Clean up tools and equipment with water

PRECAUTIONS:

- Do not apply when air and surface temperatures are below 5°C.
- Should not be used as a waterproofing sealer, or as a finish coat.
- Avoid application to surfaces freshly treated with silicone-type water repellents

PACKAGING:

25Kg bags

SHELF LIFE / STORAGE:

- 12 months since the production date when stored on pallets in dry cold conditions and in original undamaged packages.

ENVIRONMENTAL & SAFETY PRECAUTIONS:

- MODNITE is nonhazardous and nontoxic.
- Care should be taken when handling, that applicators wear PVC or similar gloves and safety goggles.
- For a full MSDS on this product, contact to MBC.