



CONMIX LTD.

CONMIX CONPUTTY

Prelude to paint...

Conmix Conputty is a dry pre mix, smooth finish, leveling compound for internal and external use. It is used to fill small voids, level and smoothen surface irregularities on concrete, sand cement render and various mineral backgrounds prior to the application of paint or wall paper.

TECHNICAL DATA

Composition	:	White Portland Cement, special puzzolonic fillers, chemical improving agents and polymer additives.
Binder	:	White Portland Cement
Aggregate Size	:	Fine powder (< 75 microns)
Appearance	:	White powder
Mixing Ratio	:	1.8 ltrs water per 5 kg bag / 7.2 ltrs water per 20 kg bag Water/Powder ratio = 0.36
Approx. Yield/Coverage *	:	4.0 ltrs per 5 kg bag; 17 ltrs per 20 kg bag; 8 m ² /5 kg bag at 0.5 mm; 34 m ² /20 kg bag at 0.5 mm
Density *	:	Wet 1.6 kg/ltr Dry 1.5 kg/ltr
Compressive strength *	:	10 N/mm ² @28 days
Flexural strength *	:	3 N/mm ² @28 days
Working time	:	Approx. 45 minutes
Curing	:	Fine spray periodically with potable water for 48 hours
Pack Size	:	5 kg and 20 kg paper bags
Shelf Life	:	12 months from date of manufacture when stored in dry conditions
Specification	:	BS, DIN & ASTM

* Typical results under laboratory condition

APPLICATION METHOD

BACKGROUND

Surface to be leveled should be clean of any residual mould oil, dust, loose particles and other contaminations.

Apply potable water on the surface to be levelled to neutralize suction. A short time should elapse to allow free water to disperse before applying Conputty. On no account should the putty be applied over wet background as this will cause de-bonding.

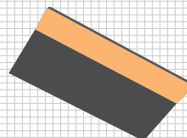
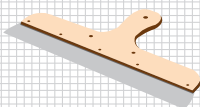
Areas that dry out fast or in high ambient temperatures, the surface should be wetted frequently. As a rule, ensure that the surface is damp before applying Conputty.

MIXING

Conputty supplied in 5 kg or 20 kg bags has to be mixed with clean potable water only in a clean plastic bucket. To ensure a homogenous and uniform mix, use a paddle mixer fitted to a slow speed electric drill.

Cont...

Application tools





The amount of water to be added is approximately 1.8 ltrs per 5 kg bag and 7.2 ltrs per 20 kg bag. Add conputty to water, turn the contents of the bag carefully and frequently. Once mixed, allow to stand for 5 minutes and mix again before applying. Mixed putty should be used within 45 minutes. Mix only quantities that can be applied within 45 minutes at 30°C. Hard and set mortar should not be re-mixed or used.

APPLICATION

Conputty mixed as above is applied onto the prepared background using a painter's spatula. Do not use a masons trowel. Build up thickness in thin layers till all surface irregularities are covered. Allow each coat to dry out before applying the next coat. Final coat should be sanded using a fine graded sand paper after Conputty has dried for atleast one hour.

Paint can be applied on Conputty after it has completely dried out.

For further assistance, kindly contact Conmix Technical Department.

SPECIAL NOTES

Conputty has to be protected from direct exposure to sun, wind and rain during the application.

The finished putty has to be cured by applying a periodic spray of potable water.

Before applying any kind of stucco finish, paint or wallpaper, the putty has to be allowed to dry out completely, devoid of any moisture.

For application procedure in case of light weight blocks, concrete containing micro silica, GGBS, curing compound or any special additive or building material, kindly contact Conmix Technical Department for assistance.

STORAGE

Conmix Conputty must be stored in a dry place, off the ground and well covered. Hard or lumpy material must be rejected.

HEALTH & SAFETY

Conmix Conputty is alkaline. Avoid contact with skin, eyes, etc. Skin should be washed with water to remove splashes. Splashes to the eyes should be washed out with copious amounts of clean water and medical attention sought. Conmix Conputty is non-flammable.