

# NEOFILLER

EPOXY FLOORING PUTTY

DECORATIVE PAINTS & COATINGS



## Description

NEOFILLER is pastel grey colored, 3-pack, solvent free filler that is suitable as a decorative flooring base coat and for multi-surface work where highly resistant & very hard traditional finishes are required.

NEOFILLER is made of 3 components that should be mixed together.

- NEOFILLER BASE (A): the resin base component of the mix.
- NEOFILLER HARDENER (B): the hardener component of the mix
- NEOFILLER QUARTZ: the powder component of the mix

## Recommended For

Interior & exterior applications, suitable for the leveling of concrete floorings and as a first coat on marble or ceramic tiles, mainly tiles and concrete based surfaces including bathrooms and kitchens

## Key Features

- High resin content
- Very high strength
- Impact resistant
- Excellent scratch resistance
- Excellent adhesion
- Excellent chemical resistance
- Bonds directly on ceramic tiles
- Solvent free
- Odorless

## Physical Properties

Solvent Type	Solvent Free
Finish Type	Flat rustic finish
Spreading Rate	0.7 – 0.10 sq. / kg / coat depending on surface porosity and application technique
Recoat	After 24 hours, full cure after 5 days
Flash Point	Not Applicable
Scratch resistance	85 Shore D hardness
Dry Film Thickness	100 – 500 microns
Impact resistance	12-15 KJ/m <sup>2</sup> based on ASTM D3029
Pot life	30 – 40 minutes
Initial cure	1 day
Average Dry Time	Touch dry 5 hours based on ASTM D 1640
Full cure	3 – 5 days
Coefficient of static friction	>0.82 qualifies as very safe under ASTM F609
Thinner	7 to 15 % xylene or epoxy thinner
Solids	100 %
Viscosity	31000 cP (Spindle 6/Speed 10) based on ASTM D2196

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COLORTEK®

## Surface Preparation

All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean.

New plaster or masonry surfaces must be allowed to cure (28 days) before applying base coat. Cured plaster should be hard, have a slight sheen and maximum pH of 10; soft, porous or powdery plaster indicates improper cure. Knife off any protrusions and prime the plaster before and after applying patching compound. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles.

CAUTION: Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Always wear appropriate personal protective equipment during surface preparation, and finish cleanup of any residues by water-washing all surfaces.

## Application Conditions

Do not apply at temperatures below 5 °C or when rain is expected.

## Application Method

Mix the base and the hardener first for a few minutes. Add the filler powder slowly and mix until a grey pastel color is achieved. Apply by trowel or joint knife.

## Pack Size

- Neofiller base: 3.93 Kg.
- Neofiller hardener: 1.79 Kg
- Neofiller quartz: 20.97 Kg

## Shelf Life

24 months from the date of production.

## Storage and Handling

Care should be taken to avoid spillage. Store in a dry area. Protect from freezing. Extreme temperatures may cause paint to become unusable. For example: freezing and thawing may cause paint to gel, and high heat may cause solid skin to form.

## Safety

Use under well ventilated conditions. Do not breathe or inhale spray mist or sanding dust. Avoid skin contact; spillage on the skin should immediately be removed with suitable cleanser, soap and water. In case of eye contact, flush immediately with water for at least 15 minutes and seek medical attention immediately. If you have trouble breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

## Cleaning

Remove as much leftover product as possible from the application equipment before cleaning. Clean equipment immediately after use with paint thinner for cleaning followed by warm soapy water and rinse thoroughly. Do not empty product into drains or watercourses.

## Technical Assistance

Available through your local COLORTEK® Design Center or through your COLORTEK PAINTS® authorized distributor. For the location of the retailer nearest you, email us at [info@colortek.eu](mailto:info@colortek.eu) or check our website [www.colortek.eu](http://www.colortek.eu).

## Disclaimer

Product batches are subject to stringent quality control checks in conformity with ISO 9001:2008, Certificate CH12/1128.

The information submitted in this manual is correct to the best of our knowledge & experience. No liability whatsoever can be accepted on the basis of the information supplied herein.