



Cement Based Joint Filler With High Resistance and Chemical Resistance for Surfaces Under Intensive Traffic

DESCRIPTION

ULTRADUR CR is a cement based, easily applied fluent grouting material that is used for the grouting of coatings like ceramics, marble, granite, antacid ceramics and natural stone with high mechanical resistance and that can resist various chemicals.

ADVANTAGES

- Easy application
- Suitable Surfaces Under Intensive Traffic
- Chemical-resistant
- Solvent-free
- Attains an excellent resistance to mechanical loads with its high technology.
- Reduces dirt penetration to a minimum with its high density structure.
- Resistant to neutral and alkali cleaning substances.
- When compared to other cement based interliners, its endurance against acidic cleaners has been increased.

USES

- Indoor and outdoor spaces, horizontal applications,
- In filling the grouting holes of coating materials like ceramics, marble, granite, antacid ceramics and natural stone existent on surfaces.
- In terraces and balconies,
- On industrial floors under intensive traffic,
- On surfaces where mechanical or chemical cleaning is performed,
- In ceramics and granite coating grouting of areas like kitchens, washing areas, sale and exhibition halls.
- In vertical applications, the application may be made by using the reduced water proportions in the Mixing Ratios table..

SUBSTRATE PREPARATION

Before filling ceramics and tile grouting holes, it must be waited for the used adhesive to achieve sufficient hardness. Just before applying ULTRADUR CR, the surface must be cleaned with methods that will not be harmful to the surface and must be dampened with a wet sponge.

MIXING

Pour the amount of water indicated in the Mixing Ratios table into a clean mixing container with the assistance of a measuring cup. Add ULTRADUR CR slowly while mixing with a mixer that has a revolving frequency of 400 - 600 rev/min for about 3 - 5 minutes until a homogeneous mixture without pellets is obtained. Set it aside for about 3 - 5 minutes and the material becomes ready to use after it is mixed again for 30 more seconds.

APPLICATIONS

Spread ULTRADUR CR over the ceramics with a rubber trowel and fill the grouting interspaces. Skim the excessive material off the grouting holes diagonally. In deep grouting holes, first wait for the settling of the material and repeat this procedure. Wait until the material can withstand the pressure of a finger and upon cleaning the whole surface with a wet sponge, give the life water that is necessary for the completion of the hydration. Clean the remaining materials on the surface of the ceramics with a wet sponge and give the final shape to the interlines. After the material gets dry (the day after by the latest) , polish up the ceramics with a dry and clean vacuum.



TECHNICAL DATA

Base	Technologic Cement combination with special mineral superfine
Application temperature	+5 °C to +35 °C
Foot traffic	after approx. 12 hours
Mechanical resistance	after approx. 7 days
Chemical resistance	after approx. 7 days
Temperature resistance	-20 °C to + 120 °C
Application temperature	10°C to 40°C
Open time	approx. 90 minutes
Exposure to Water	after 24 hours
Pressure Resistance	≥ 50 N/mm ²
Bonding Resistance	≥ 2.5 N/mm ²
Available colours	grey and white

PACKAGING

5 Kg pail

SHELF LIFE

24 months.

STORAGE

Store in dry conditions and at room temperatures, in original containers.

Chemical Resistan Chart

Acids

- Formic acid
- Acetic acid
- Lactic acid
- Phosphoric acid
- Oxalic acid
- Tartaric acid
- Citric acid
- Alkalies
- Ammonia
- Calcium hydrate solution
- hypochlorite
- Caustic potassium solution
- Caustic soda solution

Oils

Diesel / Paraffin oil / Hydraulic oil / Silicone oil

Solvents

Acetone / Butyl alcohol / Ethanol Isopropanol / Petroleum ether / Formaldehyde / Xylene

Other

Oil / Enhanced solution Glycerin
Cut fl milk acid / Hydrogen peroxide