

CEMIMAX PP4

Patching Compound

Cemimax PP4 Patching compound for repair, filling and patching

Description:

PP4 is an advanced cement and polymer based patching compound for repair, filling and patching up to 13mm depth. Can be used on a variety of substrates prior to installation of most flooring products. Priming is not required for most applications.

Product Properties/Benefits:

Plastic dry cement mortar with finely graded fillers. When mixed with water, produces a hydraulic-setting smoothing compound.

Suitable for:

- New or old cement leveling compounds
- Existing substrates with well-bonded, non-water-soluble adhesive residues
- Large and small format tile and natural stone
- Plywood underlayment
- All standard slabs, concrete or other substrate types
- Heavy wear in domestic and commercial locations including exposure to caster wheels
- Radiant floor heating systems

Composition:

Special cements, mineral fillers, polyvinyl-acetate-copolymers, and additives.

- Fast dry formula
- High strength
- Very fine aggregates
- Variable water range
- Smooth surface finish
- Excellent absorbency
- Versatile product

Technical Data:

Pack-size: 5 kg/bag

Shelf-life: 12 months

Coverage: 20m² at 1 mm thickness, skim coat up to 60m²

Water mixing: Approx. 0.35-0.4:1 (water : powder)

Dry time: After approx. 10 min. for walked on
After approx. 15 min. for floor covering
After approx. 15 min. for floor covering

Subfloor Preparation:

- The substrate must be sound, free from cracks, dry, clean and free from materials which would impair adhesion.
- Test the substrate according to applicable standards and report any deficiencies.
- Brush, abrade, grind or shot-blast any weak surface sections or areas which will not accept adhesion
- Thoroughly vacuum to remove loose material and dust. According to type and condition of the subfloor.

- Do not sand or grind adhesive residue, as harmful dust may result. Inhalation of asbestos dust may cause asbestosis or other serious bodily harm. Refer to the Resilient Floor Covering Institute's publication "Recommended Work Practices for Removal of Resilient Floor Coverings"

Application:

1. The ideal mixing ratio for part quantities of cemimax PP4 is two parts powder to one part water. This will usually produce the ideal consistency. When mixing a full 5 kg bag of powder add 1.75 – 2 liters water per 5 kg bag. Do not overwater. The addition of extra water will weaken compound and lower its strength.
2. Pour cold, clean water into a clean container. Slowly pour in the powder while stirring vigorously, and blend to a viscous, lump-free consistency using a heavy-duty drill fitted with an Mixing attachment (minimum 650 rpm). Only mix as much mortar as can be used within the 10 – 15 minute working time.
3. Apply the compound evenly onto the substrate to the desired thickness using a smoothing trowel. The recommended minimum depth on non-absorbent surfaces to receive impervious flooring is 3 mm.
4. Ready for floor covering after approx. 15 minutes for normal floor covering installations. such as vinyl, carpet and ceramic tiles.
5. It is important to note that many different types of adhesives are used to install floor coverings, and their absorbency into cementitious substrates can significantly vary.

Important Notes:

- Minimum shelf-life 12 months in original packaging and in dry storage conditions. Tightly seal opened packaging and use the contents as quickly as possible.
- Best applied at 18-25 °C, floor temperature above 15 °C and relative humidity below 75%. Low temperatures and high humidity delays setting, drying and readiness for covering. High temperatures shorten the working time. Therefore use the coldest possible mixing water during the summer.
- Protect freshly smoothed surfaces from draughts direct sunlight and influences of heat.
- The product should be protected against frost and direct light during transportation, storage and application. Application temperature should not be lower than 5 °C.

Disposal:

Dispose of empty packaging according to local regulations.

