

Epofloor® Terrazzo

MATERIALS:

- ▲ Epofloor® CBR
 - ▲ Epofloor® TBR
 - ▲ Epofloor® TTC
- Colour Terrazzo
- Ensure that the materials are kept at room temperature for at least one day before use!

TOOLBOX:

- ▲ Screed box
- ▲ Application rake
- ▲ Stiff brooms
- ▲ Squeegee's
- ▲ Shag roller
- ▲ Drilling machine
- ▲ Vacuum cleaner
- ▲ Grinding machine
- ▲ Marking tape
- ▲ Toothed trowel's and rollers
- ▲ Spiked shoes
- ▲ Epoxy certificates, epoxy/acrylic warning signs.
- ▲ Safety data sheets, personal protection equipment, hand cleansing cream.

Do not expose the new laid floor to water for a few days, as this could cause white spots !!

Subfloor preparation

The structure of the concrete subfloor should be slightly rough and completely free from slurry. This is obtained by grinding the surface with a suitable machine followed by thorough vacuum cleaning. For details regarding subfloor requirements kindly check the specific Subfloor Requirements Datasheet.

Priming

Mix 2,5 kg Epofloor® Hardener into 7,5 kg Epofloor® TBR.

The mixture is applied to the flooring either by squeegee or roller.

This amount of epoxy should cover an area of about 33 m². Sand is sprinkled evenly onto the wet primer.

Small holes and cracks in the concrete can be repaired during the priming by simply adding sand / aerosil to the epoxy and using it as a thin mortar. Concrete day joints and larger cracks should be filled with a flexible epoxy jointing compound.

Coving

Not used for this type of flooring.

Mortar

Check the concrete! Repair the remaining holes and cracks. Pour the calculated quantity of stone into the flat bed mixer. As a guideline ratio should be 10% by weight of epoxy to be mixed with the stones.

Premix 2,5 kg Epofloor® Hardener into 22,5 kg Epofloor® CBR. Pour onto the stones in the flat bed mixer and mix until complete wetting of stones with epoxy, typically 4 - 8 minutes.

Take note of the necessary time and keep fairly close to that mixing time for all the following batches.

Lay out the mix with a screed box, rake or similar.

Hand or machine trowel, while spraying trowel iron lightly with soap water to facilitate trowelling.

Grinding

To obtain Epofloor® Terrazzo effect the floor should now be grinded with a diamond disc grinding machine until, a smooth surface has been obtained.

Sealing

Now proceed, using a carborundum stone to remove defects from the flooring.

These would typically occur as small holes in the floor.

Mix 2,5 kg Epofloor® Hardener into 7,5 kg TTC. Scrape sides of container to prevent unmixed material from sticking.

Pour out the mix onto the floor, distributing it with a rubber squeegee while pressuring downwards on the handle. Crossroll with a medium shag roller. Use spiked shoes.



Primer	Mix Components	Application rate	One mix covers
Primer	Epofloor TBR: 7,5 kg	0,3 kg/m ²	33 m ²
Scatter	Epofloor Hardener: 2,5 kg Quartz nature: 24 kg		

Mortar	Mix Proportion per m²	Finished floor thickness		
Mortar	Epofloor CBR: 2,25 kg	Stone size:	Floor thickness	
	Epofloor Hardener: 0,25 kg			
	Stones alternatives:	2-3 mm	7-8 mm	
	2-3 mm	14 kg	3-4 mm	10-12 mm
	or 3-4 mm	16 kg	3-6 mm	10-12 mm
or 3-6 mm	17 kg			

Sealing	Mix Components	Application rate	One mix covers
Sealcoat	Epofloor TTC: 7,5 kg Epofloor Hardener: 2,5 kg	0,4 kg/m ²	25 m ²

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