

Kit Checklist

- 1 x 5l ImpriPox
- 1 x 2l ImpriPox HARDENER
- 2 x 20kg Quartz Sand
- 20m2 Thick Fibre Glass Mesh

Tools You'll Need

- Bi-Flex Steel Trowel
- Measuring Jug
- Medium Pile Roller for Solvents & Tray
- Microcement Mixer Head & Drill
- Weighing Scales
- Fabric Scissors
- Clean Mixing Bucket

Step by Step

ImpriPox & Mesh

ImpriPox will bond the High Performance Fibre Glass Mesh to your substrate adding strength to the substrate and creating a strong, impenetrable base for your microcement.

It will also ensure a uniform drying rate across the microcement surface and block stains in the sub-floor transferring through to your microcement.

It is particularly good at stopping small cracks in concrete floors and joints between boards being transferred through from the substrate to the microcement. The chance of movement must still be eliminated in advance.

Prepare the Mesh

Cut the mesh to size using fabric scissors. The mesh is uncoated to allow the ImpriPox to fully penetrate the fibres. This means it will fray easily, especially if cut with a regular knife or scissors.

Mixing ImpriPox

Mix 5l of ImpriPox with 2l ImpriPox Hardener in a mixing jug and stir gently with a paint stirrer for a few minutes. This mixture will cover around 25m2 when trowelled over the High Performance mesh. If you use less than the full containers then weigh it carefully to ensure the ratio is accurate.

Mixing Ratio: 5 ImpriPox to 2 ImpriPox Hardener
Working Time: 1 hour

Applying ImpriPox

Use a trowel to apply an even coat of ImpriPox over the sub-floor and mesh. You'll need to ensure you have completely filled any voids in the sub-floor (e.g. grout lines, joints and screw holes) and also completely covered the mesh.

Applying Quartz Sand

Whilst the ImpriPox is still wet, spread the quartz sand across the surface. You can scatter it by hand, starting at the entrance to the room and walking on the sand into the room. Or by walking on the ImpriPox with spiked shoes.

For larger areas, you may need a 2nd person spreading the sand as the 1st person trowels on the ImpriPox.

Leave to dry. Minimum of 12 hours. Ideally overnight.

Drying times may vary depending on temperature and humidity. Light use only for first 14 days.