



Lightweight Insulating Screed Instructions

Mixing Method:

One 20kg bag of ProofTherm floor screed should be mixed with 7-8 litres of water for a dry screed or 13-14 litres of water for a wet pumped application. Put 80-90% of the water into a suitable sized bucket and then add the ProofTherm and mix with an electric mixer at 100-150 rpm for 2 minutes. Add the remaining water to achieve a creamy consistency that sticks to a trowel when turned upside down. Allow mixture to rest for 2 minutes before mixing for a final minute. It is essential that the final mixture is well mixed, but avoid over mixing which will crush the insulating aggregates in ProofTherm.

Application Method:

- 1: Prepare the surface by fixing any loose or damaged sections and making sure the surface is free from dust, grease and loose material. Correct surface preparation is essential. Use an acrylic primer to control dust and aid adhesion.
- 2: Can be applied manually or pumped. Minimum depth is 20mm. Maximum depth 100mm
- 3: Use a depth gauge guide to ensure an even application thickness.
- 4: ProofTherm lightweight, insulating screed is ideal as a rough levelling compound or underlay. It can be used bonded or unbonded.
- 5: ProofTherm lightweight insulating screed is primarily an insulating screed and not suitable as a final wearing surface. It can be topped off with any suitable self levelling, high strength compound/screed. Suitable acrylic primers will aid adhesion between coats.

Drying Time

Depending on temperature and humidity a 20mm application will take 8 hours to dry but should always be tested before final coating.

Limitations

Not to be used above or to encapsulate underfloor heating systems. ProofTherm screed is an efficient insulator and should only be used below any underfloor heating systems