

Refer to the Hychem Installation Method Statement.

1. Floor Surface Prep (Pages 15, 20-24):

Diamond grind or shot blast.

Anchor grooves must be installed inside floor the perimeter and around drains, expansion & control joints, isolation joints, coving and joining onto existing flooring.

2. Coving (Page 18)

Refer to Endurabond Floorscreed Technical Data Sheet Page 4.

Use the Floorscreed coving mix.

Prime first using Floorscreed + Thickening agent.

3. Floor Primer (Pages 12-13):

Prime over porous substrates or when laying a smooth finish (ie no aggregate broadcast to break any air bubbles).

Prime with a scratch coat (1kg per m²) of Hycrete PU-TC.

4. Base Screed/Broadcast (Pages 10-11):

A. Hycrete Thermoshield 9-12mm floor (7 -10mm + broadcast)

One 10.5L kit + aggregate comprises:

- Hycrete PU-SL Part A 3Kg kit
- Hycrete PU-SL Part B 3Kg kit
- Hycrete PU-SL Part C 14Kg kit
- 1mm Aggregate 16kg
- Pigment Filler Beige 250grams or Hycrete Colour Pack 175grams
(+ Broadcast aggregate)

B. Hycrete Universal 6mm floor (4mm + broadcast)

One 10.5L kit comprises:

- Hycrete PU-SL Part A 3Kg kit
- Hycrete PU-SL Part B 3Kg kit
- Hycrete PU-SL Part C 14Kg kit
- Pigment Filler Beige 250grams or Hycrete Colour Pack 175grams
(+ Broadcast aggregate)

Mixing equipment:



Collomatic mixer



Slow speed drill



Twin screw hand held mixer

Apply Hycrete PU-SL at the recommended thickness/coverage rates below.

Recommended coverage rates:

Service Temp	Coverage rate	Final Broadcast DFT
Universal 0 to 80°C	2.6m ² per kit to achieve a 4mm DFT	6mm
ThermoShield -40 to 150°	2.2m ² per kit to achieve a 7mm DFT	9mm
ThermoShield -40 to 150°	1.5m ² per kit to achieve a 10mm DFT	12mm

5. **Aggregate Broadcast** (Page 17):

Broadcast at 4kg per m².

Aggregates wear resistance (longevity) at increasing hardness: Quartz < Bauxite < Aluminium Oxide

6. **Topcoat / Seal Coat** (Pages 10-11):

Apply Hycrete PU-TC (2.35L kit) at the recommended thickness/coverage rate.

One kit comprises:

- Hycrete PU-TC Matte Part A 1Kg kit
- Hycrete PU- TC Matte Part B 1Kg kit
- Hycrete PU- TC Matte Part C 1.25Kg kit
- Pigment Filler Beige 250grams or Hycrete Colour Pack 175grams

Recommended coverage rates:

Coverage rate
3.8m ² per kit over aggregate < 0.8mm.
3.2m ² per kit over aggregate > 0.8mm.

Note that for UV resistance (sunlight and high intensity discharge lighting), use Hycrete PU-TC Solar to maintain UV colour stability.

Rev 3