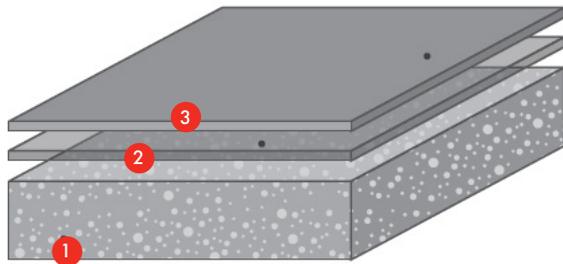


Isocrete 1500 Plus (0-30mm)

A fast drying, underlayment for all-purpose and easy levelling of concrete floors prior to the application of floor coverings.



- 1 Prepared substrate
- 2 Isocrete Primer
- 3 Isocrete 1500 Plus



Rapid Installation:

2,000m² per day for 7mm thickness, under suitable conditions.



Protein Free:

Will not harbour bacteria, yeast or mould.



Fast Drying & Setting:

Walk on after 2-4 hrs, moisture sensitive finishes after 24 hrs (below 10mm).

REACTION TO FIRE		
EN 13501-1	B _{f1} - s1	
IMPACT RESISTANCE		
BS 8204-1	Category A	
THERMAL RESISTANCE		
50 °C		
COMPRESSIVE STRENGTH (28 DAYS)		
EN 13892-2	33 N/mm ²	C30
FLEXURAL STRENGTH (28 DAYS)		
EN 13892-2	8 N/mm ²	F8
ADHESION TO C30 CONCRETE (28 DAYS)		
>1 N/mm ²		
SHRINKAGE		
<0.06 %		
MAXIMUM PARTICLE SIZE		
0.5 mm		
PROTEIN CONTENT		
Nil		
THICKNESS		
0-30mm Hand Applied 4-30mm Pump Applied		
LAYING TEMPERATURE		
5-25 °C		
FLOW RING (65 mm Diam. × 40 mm High)		
220-240mm		
MIX RATIO PER 25KG		
4.5-4.8 litres water		

SPEED OF CURE	10 °C	20 °C
Walk on	4-8 hrs	2-4 hrs
Full Traffic	2 days	2 days

These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Model Specification

System	Isocrete 1500 Plus
Thickness	0 - 30 mm

Preparatory work and application in accordance with manufacturer's instructions.

Products Included In This System

Primer	Isocrete Primer @ 0.05 kg/m ²
DPM (if required)	Hydraseal DPM @ 0.5 kg/m ²
Sand Scatter (if DPM is required)	dry Silica Sand/Quartz grade 1–2 mm @ 2 kg/m ² (fully blinded)
Floor Screed	Isocrete 1500 Plus @ 11.9 kg/m ² for 7 mm

Detailed application instructions are available upon request. For more information speak to Tremco CPG's technical advisors.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitence, dust and other contamination. Substrate should be dry to 75% RH as per BS8203. If above 75% RH, or no damp proof membrane is present Hydraseal DPM can be incorporated directly beneath the Isocrete 1500 Plus system, enabling the immediate installation of floor finishes once the screed has dried.

Installation Service

The installation should be carried out by a licensed contractor with a documented quality assurance scheme. For details of our licensed contractors, contact your local Tremco CPG office. Detailed application instructions are available upon request.

Protection On Completion

Ensure the smoothing compound is not subject to strong sunlight and excessive draughts during the first 24 hours of curing as this may lead to cracking and crazing. Prevent contamination by following trades e.g plastering, including water spillage.

Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs and maintenance. Environmental and health considerations are controlled during manufacture and application of the products by Tremco CPG staff and fully trained application teams.

Important Notes

Flowcrete products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Warranty, Terms and Conditions of Sale', copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages. Please review warranty in detail before installing the products.

Tremco CPG UK Ltd products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request. Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Tremco CPG UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.

System Datasheet written for Tremco CPG UK Ltd. Please consult Technical Team in your own country region for specific details. [26/06/24, 01 UK]