



**PRODUCT DATA SHEET**

**PRODUCT CODE: C355HS**

**CemFlor High Strength**

**Description**

C355HS is an industrial grade self-levelling, single component cementitious underlay. The product has been specially formulated to produce a smooth crack free flat surface while being very easy to apply

**Principal uses**

- Underlayment for floor coverings such as carpet, ceramic tiles, vinyl, parquet, linoleum etc.
- Levelling course for self-levelling epoxy floors
- Concrete floor repairs
- Parking deck and ramp repairs

**Advantages**

- Dimensionally stable
- Self-healing properties up to 30 minutes
- Single component product
- Applied directly onto prepared surface

**Performance data**

Property	Typical results		
	2 days	7 days	28 days
Compressive strength			
Water @ 5l per 25kg	2,5Mpa	28Mpa	38Mpa

**Workability**

Once mixed the product is smooth and self-levelling

**Surface preparation**

Concrete substrate must be structurally sound. Remove all oil, grease, paint, corrosion, dust and surface deposits. This can be done by wire brush or sand blasting. Ensure surface is wet or prime with Plaster Key to improve bond

**Limitations**

Do not use C355SL at temperatures below 9°C. Avoid excessive heat 35°C and higher. Product cannot be reworked by later addition of water. Foot traffic allowable in 8 hours. Application thickness up to 15mm

**Mixing instructions**

Pre wet concrete mixer, add 5l of water into the mixer, depending on the consistency required. Add the contents of the bag and mix until smooth with no lumps

**Yield**

Mixed with 5l of water will yield 14l of product

**Set time**

Water content	Initial set	Final set
5l per 25kg	210 min	290 min

**Packaging**

C355HS is available in 25kg bags

**Safety & handling**

Wear dust masks when mixing. Use gloves, eye protection at all times. Should the product come into contact with eyes, wash immediately and seek medical advice

**Shelf Life & Storage**

12 months when stored in a cool dry place, failure to comply with these recommendations will result in a reduction in shelf life

**Notes**

For further instruction please consult your local representative for a method statement on the product

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