



# Emtek Ultrascap ProBed HS Fine Bedding Concrete 25kg Bag

**EMTEK** Streetscape Systems

Ultrascap ProBed HS is a versatile; polymer modified cementitious mortar, which conforms to street demands of the BS7533 specification for the rigid construction of streetscape works. Ultrascap ProBed HS is shrinkage compensated and can be laid from 10mm to 75mm. Ultrascap HS is mixed easily on site with the simple addition of water and creates a perfect base on which to lay natural stone setts, concrete and stone pavements providing an ideal base for grouting or pointing. In addition, its low permeability minimises freeze-thaw bond failure and is not subject to environmental erosion.



## KEY FEATURES

- Can be laid from 10 - 75mm and conforms to BS7533
- Small contractor friendly units
- Ease of use, perfect base for laying slabs, setts and cubes
- Ideal for large scale projects
- Exceptional bond strength
- Has long term durability
- Low permeability reduces freeze-thaw bond failure
- Available in Silos for large scale projects
- Mixes quickly on site with water
- Open to vehicular traffic after 36 hours
- Provides an ideal base for grouting or pointing

## PERFORMANCE

Test Age	Compressive Strength	Adhesion (without primer)	Adhesion (with primer)	Shrinkage %
1 day	20 N/mm <sup>2</sup>	0.72 N/mm <sup>2</sup>	1.73 N/mm <sup>2</sup>	0.01%
7 days	36 N/mm <sup>2</sup>	0.98 N/mm <sup>2</sup>	2.02 N/mm <sup>2</sup>	0.04%
28 days	38 N/mm <sup>2</sup>	1.25 N/mm <sup>2</sup>	2.18 N/mm <sup>2</sup>	0.11%

Modulus of elasticity	Workability	Density	Yield	Colour
28 days - <21000 N/mm <sup>2</sup>	50 minutes at 20°C	2180 kg/m <sup>3</sup>	12.9 litres	Grey

Storage
Store in a dry place at temperatures between 5°C -30°C.

Unit/Packaging
Ultrascap Pro-Bed HS is supplied in 25kg polythene lined bags. Deliveries from our factory on shrink-wrapped pallets.

Shelf Life
Shelf life in correct conditions for sealed bags in 6 months. High Temperatures and High Humidity will lead to reduced shelf life.

Please Note: All tests are carried out at 20°C in temperature-controlled laboratories. Where temperatures are variable cementitious product performance will vary. Cool temperatures retard, warm temperatures accelerate.

**Emtek Ltd**  
Woodland House, 7 Silverwood Industrial Area  
Silverwood Road, Lurgan  
Co. Armagh BT66 6LN

**Telephone**  
+44 (0) 28 3834 8600  
**Facsimile**  
+44 (0) 28 3834 8601

**Email**  
info@emtek.co.uk  
**Web**  
www.emtek.co.uk

**EMTEK**