Spex•Crete™ G5 Lightweight Additive

SPEX•CRETE™ G5 LWA

Description

Spex•Crete™ G5 Lightweight Additive is a **patent pending** proprietary modified mineral based microbead product that is used to decrease the density of self leveling underlayments as well as ready mix concrete. Our unique non-toxic particle provides excellent compressive strengths and workability when added to calcium aluminate, cementitious and gypsum based products. Spex•Crete™ G5 Lightweight Additive blends very well into self leveling products and provides a homogeneous mix that can be pumped, placed and finished with ease.

Physical Properties*	
Softening Temperature	~1580 - 1920°F
Melting Point	~1920 - 2280°F
Color	off - white
pH	~6.5 - 8
Surface Moisture	<0.2 mass %
Particle Shape	Sphere/egg
Mohs Scale	~5.5 – 7.0

Technical Data*		
Property	**Unit of Measure**	**Value**
Average Particle Size	µm	~75 - 275
Loose Bulk Density	lb/ft^3	~18.5
Effective Particle Density	g/cm^3	~0.45
Specific Gravity	g/cm^3	~0.6
Thermal Conductivity	W/(mK)	~0.072 - 0.007
Oil Absorption, mass	M-%	30
Mechanical Crush Strength	Psi	~315
Isostatic Particle Strength	Psi	~1,000

*The above information is for reference only. Spex•Crete™ warrants that this product, at the time of shipment, conforms to the specifications noted in the Technical Data section above. All other information provided in this Technical Data Sheet is to be used as guidance only and there are no warranties relating to the information which extend beyond the description on the face hereof. ALL OTHER WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. Spex•Crete™ has a sole obligation and the sole and exclusive remedy under this limited warranty shall be the replacement of any defective product if justified by Spex•Crete™. No warranty is given for any technical advice or recommendations provided by Spex•Crete™. Buyer waives all claims under this limited warranty unless it has given written notice and proof of defect to Spex•Crete™ within 15 days of delivery. Visit SpexCrete.com for more.

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