



SPEX•CRETE™ G5 LWA

Description

Spex•Crete™ G5 Lightweight Additive is a patent pending proprietary modified mineral based microbead product that is used as a **sand replacement** to decrease the density of self leveling underlayments. This 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 underlayments and provides a homogeneous mix that can be **pumped, placed and finished with ease**.



Physical Properties	
Softening Temperature	~1,580 – 1,920°F
Melting Point	~1,920 – 2,280°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	~150 – 175
Loose Bulk Density	lb/ft ³	~18.5
Specific Gravity	g/cm ³	~0.54
Thermal Conductivity	W/(mK)	~0.072 – 0.007
Oil Absorption, Mass	M-%	30
Mechanical Crush Strength	PSI	~315
Isostatic Particle Strength	PSI	~1,000

SpexCrete 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. SpexCrete has a sole obligation and the sole and exclusive remedy under this limited warranty shall be the replacement of any defective SpexCrete product at cost if justified by SpexCrete. No warranty is given for any technical advice or recommendations provided by SpexCrete. Buyer waives all claims under this limited warranty unless it has given written notice and proof of defect to SpexCrete within 15 days of delivery. For more information, visit www.SpexCrete.com.