

KBI Flexistone Flexural & Compressive Test Data - 2020

As part of our commitment to test and re-test all our products please see the latest resin bound strength test results in accordance with BS EN 13892. These are compared below against the industry body standards. As the results show you can have confidence in the material you use to be of the strongest quality available.

All figures quoted are based on 7kg Resin and 100kg of Aggregate only. To create additional strength 5kg Sand can be added to mixes which will further increase the numbers below by 20-25%.

Resin Bound Mix	Flexural Strength (N/Mm ²)		Compressive Strength (N/mm ²)	
	FeRFA Guidelines	KBI Flexistone	FeRFA Guidelines	KBI Flexistone
Sweet Pea	2.00	6.93	5.00	19.11
Evening Rose	2.00	6.05	5.00	18.98
Cappuccino	2.00	6.02	5.00	16.63
Farmhouse Gold	2.00	6.01	5.00	18.79
Olympus	2.00	5.61	5.00	16.73
Spring Haze	2.00	5.56	5.00	15.94
Oyster Pearl	2.00	5.22	5.00	14.72
Rosso Luna	2.00	5.20	5.00	14.75
Aspen	2.00	5.10	5.00	15.66
Amalfi	2.00	4.98	5.00	15.60
Merit	2.00	4.79	5.00	15.12
Purity	2.00	4.51	5.00	13.80
Sahara	2.00	4.32	5.00	14.35
Inverno	2.00	4.22	5.00	14.08
Meadow	2.00	3.93	5.00	13.50
Transcendence	2.00	3.93	5.00	13.44
Jet black	2.00	3.87	5.00	12.37
Platinum	2.00	3.85	5.00	11.32
Porto Fino	2.00	3.87	5.00	11.66
Grey Slate	2.00	3.56	5.00	10.21
Ireland Green	2.00	3.74	5.00	11.44
Starlight	2.00	3.63	5.00	11.62
Titanium	2.00	3.53	5.00	10.87

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