Technical Data Sheet



Permeable Aggregate

tuffgrit is a carefully blended water permeable crushed igneous rock aggregate suitable for bedding natural stone and pre-cast concrete setts, slabs and other pavers.

tuffgrit' complies with BS7533-101, Table 8, for unbound laying course bedding material up to traffic category 9, (and for bedding and jointing as described in the still current BS7533-13 guide for the design of permeable pavements).

For applications where heavy trafficking and longevity are required, tuffgrit aggregate is blended specifically to allow optimum interlocking of angular particles leading to extended surface life and enhanced durability.

tuffgrit is water permeable and free draining. Indefinite, no requirement to be kept dry.

Technical Specification

PackagingBag or Bulk bagPackaging weight25 kg or 850 kg (dry weight)Aggregate size2-6 mmPackages per pallet40 bags or 1 Bulk bagJoint width8 - 10 mmUn-compacted bulk density1.553 t/m³Compacted bulk density1.733 t/m³Grading CategoryGc85 - 15Crushed particle indexC90 / 3Shape indexS120Flakiness indexF114LA abrasion coefficientLA20Resistance to wearMDE15Water absorptionWA241NBS sectionsQ24 Q25ComplianceBS7533-101:2021 and BS7533-13 2009Pr 20-31-04-62 Paving permeable laying	Colour	Grey
Aggregate size Packages per pallet Joint width Un-compacted bulk density Compacted bulk density Crushed particle index Slape index Flakiness index LA abrasion coefficient LA abrasion coefficient LA abrasion coefficient Water absorption NBS sections Q24 Q25 Compliance BS7533-101:2021 and BS7533-13 2009 Pr 20-31-04-62 Paving permeable laying	Packaging	Bag or Bulk bag
Packages per pallet Joint width Un-compacted bulk density Compacted bulk density Crushed particle index Slape index Flakiness index LA abrasion coefficient LA abrasion coefficient LA abrasion coefficient Wazer Water absorption WBS sections Q24 Q25 Compliance BS7533-101:2021 and BS7533-13 2009 Pr 20-31-04-62 Paving permeable laying	Packaging weight	
Description Description	Aggregate size	2-6 mm
Un-compacted bulk density Compacted bulk density 1.553 t/m³ Grading Category Gc85 - 15 Crushed particle index Sl20 Flakiness index LA20 Resistance to wear MDE15 Water absorption NBS sections Q24 Q25 Compliance BS7533-101:2021 and BS7533-13 2009 Pr 20-31-04-62 Paving permeable laying	Packages per pallet	0
Compacted bulk density	Joint width	8 - 10 mm
Grading Category Gc85 - 15 Crushed particle index C90 / 3 Shape index Sl20 Flakiness index Fl14 LA abrasion coefficient LA20 Resistance to wear MDE15 Water absorption WA241 NBS sections Q24 Q25 Compliance BS7533-101:2021 and BS7533-13 2009 Pr 20-31-04-62 Paving permeable laying		1.553 t/m³
Crushed particle index	Compacted bulk density	1.733 t/m³
Shape index SI20 Flakiness index FI14 LA abrasion coefficient LA20 Resistance to wear MDE15 Water absorption WA241 NBS sections Q24 Q25 Resistance to wear Unclass 2015 Pr 20-31-01:2021 and BS7533-13 2009 Pr 20-31-04-62 Paving permeable laying	Grading Category	Gc85 - 15
Flakiness index FI14 LA abrasion coefficient LA20 Resistance to wear MDE15 Water absorption WA241 NBS sections Q24 Q25 Compliance BS7533-101:2021 and BS7533-13 2009 Pr 20-31-04-62 Paving permeable laying	Crushed particle index	C90 / 3
LA abrasion coefficient LA20	Shape index	SI20
Resistance to wear MDE15 Water absorption WA241 NBS sections Q24 Q25 Compliance BS7533-101:2021 and BS7533-13 2009 Pr 20-31-04-62 Paving permeable laying	Flakiness index	FI14
Water absorption WA241 NBS sections Q24 Q25 Compliance BS7533-101:2021 and BS7533-13 2009 Pr 20-31-04-62 Paving permeable laying	LA abrasion coefficient	LA20
NBS sections Q24 Q25 Compliance BS7533-101:2021 and BS7533-13 2009 Pr 20-31-04-62 Paving permeable laying	Resistance to wear	MDE15
NBS sections Q25 Compliance BS7533-101:2021 and BS7533-13 2009 Pr 20-31-04-62 Paving permeable laying	Water absorption	WA241
BS7533-13 2009	NBS sections	
Unclass 2015 Paving permeable laying	Compliance	
course aggregate.	Unclass 2015	Paving permeable laying







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