

SUPERFLOW 20

AGGREGATE TYPE: 4/20 crushed angular rock

SOLUTION: Permeable block paving, hand laid porous asphalt & porous concrete

APPLICATION: Upper reservoir layer / free draining subbase

DESCRIPTION

Aggregate Industries SuperFlow 20 is a high performance open graded aggregate specifically designed to provide controlled water management within Sustainable Drainage Systems (SuDS).

SuperFlow 20 is a key component within the SuDS foundation design and forms an upper reservoir drainage layer offering controlled storage and flow of the rain water within the system.

SuperFlow 20's specific grading, natural strength and interlocking properties ensures both the integrity of the pavement and excellent drainage characteristics are maintained throughout.



KEY PERFORMANCE CRITERIA

PROPERTY	STANDARD	CATEGORY	UNIT	VALUES
Grading Characteristics	BS EN 13242	N/A		N/A
Fines content	BS EN 933-1	f	%	≤ 4
Compacted Voids	Air Voids	N/A	%	≥ 30
Flakiness Index	BS EN 933-3	FI	%	≤ 20
Resistance to fragmentation	BS EN 1097-2	LA	%	≤ 30
Resistance to wear	BS EN 1097-1	MDE	%	≤ 20
Acid Soluble Sulphate (AS0.2)	BS EN 1774-1	(AS)	%	≤ 0.2
Magnesium Sulfate Soundness	BS EN 1367-2	MS	%	≤ 18
Horizontal Permeability	DMRB CD225	Coefficient of permeability, k	m/s	1.00E-04
		Coefficient of permeability, k	m/h	≥ 0.36
		Coefficient of permeability, k	mm/h	≥ 360

FEATURES & BENEFITS:

- ▶ Super Sustainable: Working with the environment to prevent flooding and water pollution
- ▶ Super Production: Expert production techniques ensuring the highest levels of quality and consistency in line with British European standards BS EN13242 and BS EN12620
- ▶ Super Performance: Crushed angular stone offering long term durability and optimal void retention for controlled flow of water
- ▶ Super Support: Dedicated technical and specification teams to assist with your SuDS design

ASSOCIATED PRODUCTS & SOLUTIONS:

- ▶ Charcon Commercial Landscaping: Infilta™ product range offering high quality permeable paving blocks to suit all applications
- ▶ SuperDrainasphalt™: A porous asphalt solution which offers an alternative to block paving systems

TECHNICAL SUPPORT

Please email for further enquiries on:
suds@aggregate.com

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