

SUPERFLOW SUDSAGG

AGGREGATE TYPE: 0/40mm crushed rock

SOLUTION: Permeable block paving, porous concrete & porous asphalt

APPLICATION: Free draining sub-base / reservoir layer

DESCRIPTION

Aggregate Industries SuperFlow SuDSAgg is a high performance sub-base aggregate specifically designed to provide controlled water management within Sustainable Drainage Systems (SuDS).

SuperFlow SuDSAgg is a well graded, reduced fines, crushed aggregate with a maximum nominal size of 40mm. This product has been designed with a void ratio of 30% or greater to ensure the optimal flow of water is achieved upon compaction. The excellent water management characteristics of SuperFlow SuDSAgg ensures a harmonious compatibility with the permeable asphalt or concrete surface being adopted within the pavement design.

SuperFlow SuDSAgg is designed to meet the structural requirements of a Foundation Class 2 material as defined in the Design Manual for Roads & Bridges. The product's structural stability means it can be used independently or as a stabilisation layer over Aggregate Industries SuperFlow 20 when used under paver laid SuperDrainasphalt.

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
- ▶ 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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