



Type 3 conforms to SHW Clause 805 and is an open graded material, and has reduced fines compared to other sub-base solutions like Type 1. The designed characteristic allows water to drain freely, making it an excellent choice for projects where efficient drainage is a priority.

Type 3 is often mistaken to contain zero fines, which is not the case; it still needs some fines to still retain its strong load-bearing qualities. Type 3 is often considered to be a zero fines material, but specification still requires fines to retain its load bearing properties.

APPLICATIONS

- ▶ Used to create a load bearing permeable sub-base typically for sports pitches
- ▶ Permeable paving
- ▶ Equestrian arenas

BENEFITS



Excellent Drainage Properties

Type 3 is designed with larger aggregate particles and less fine material, making it more permeable than other sub-base materials, such as Type 1. This allows for better water infiltration and drainage, reducing the risk of surface water flooding or pooling. It's ideal for permeable paving solutions and SuDS applications



SuDS Compliance

Type 3 aggregates are often used in SuDS projects, which are designed to manage surface water runoff in a sustainable way. By allowing water to permeate through the sub-base and reduce surface runoff, Type 3 helps prevent flash flooding and contributes to groundwater replenishment.



Stability and Durability

Type 3 provides a stable and durable sub-base layer, capable of withstanding weather fluctuations, frost, and frequent use. This durability makes it a long-term solution for both large-scale infrastructure projects and smaller domestic installations like driveways.

SPECIFICATION

Material Description	0/40mm Type 3 805
Designation	0/40
Maximum Fines	UF ₅
Oversize	OC ₈₀
Overall Grading	G ₀

Sieve size (mm)	PERCENTAGE BY MASS PASSING		
	Overall grading range	Supplier declared value grading range	Tolerance on the supplier declared value
80	100	-	-
40	80 - 99	-	-
20	50 - 78	58 - 70	± 8
10	31 - 60	39 - 51	± 8
4	18 - 46	26 - 38	± 8
2	10 - 35	17 - 28	± 7
1	6 - 26	11 - 21	± 5
0.500	0 - 20	5 - 15	± 5
0.063	0 - 5	-	-

GRADING OF INDIVIDUAL BATCHES - DIFFERENCE IN VALUES PASSING SELECTED SIEVES

Retained sieve size (mm)	Passing sieve size (mm)	PERCENTAGE BY MASS PASSING	
		Not less than	Not More than
10	20	10	25
4	10	10	25
2	4	7	20
1	2	4	15

SUSTAINABILITY & LOCAL SOURCING

Energy use and greenhouse gas emissions

Holcim UK is at the forefront of sustainability and has committed to reducing both energy and greenhouse gas intensity 5% year-on-year.

Recyclable

100% of the product can be recycled thus reducing the amount of material that is sent to landfill.

Manufacturing location

Produced in the UK, with locally sourced materials under strict environmental and social legislation, for local supply.

Circular economy

We will maximise reuse and recycle, with zero waste to landfill. We improve resource efficiency through reuse, recovery and/or recycling of waste materials in our production processes. Plus, we minimise the generation of both hazardous and non-hazardous waste.

Responsible sourcing

Holcim UK was the first UK construction company to achieve accreditation to the BES 6001 Framework Standard for the Responsible Sourcing of Construction Products.

Holcim UK has achieved a 'Very Good' rating for major product groups. The BES 6001 standard assesses:

- ▶ Quality Management
- ▶ Environmental Management
- ▶ Health and Safety Management
- ▶ Greenhouse Gas Emissions
- ▶ Minimising Raw Material Usage
- ▶ Labour Practice
- ▶ Biodiversity
- ▶ Community Engagement

MANUFACTURING STANDARD

All Holcim UK's products are manufactured in accordance with ISO 9001 with factory compliance to ISO 14001.

POLICIES

Holcim policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website www.holcim.co.uk.

COSHH DATA

Full COSHH data is available on request. Please call **01698 870970** for more information.

TECHNICAL SUPPORT

Detailed guidance and assistance for specification and use of aggregate products is available through the sales office. A free technical service is also available. For further information, please refer to our technical services on **0845 600 0860**.

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