

Ayton C60B5-1

Technical Data Sheet



Slurry Seal Emulsion

GENERAL

Ayton C60B5-1 is a cationic bitumen emulsion which complies with grade C60B5 of EN 13808:2013.

It has been designed for use as a surface treatment slurry seal bitumen emulsion.

Ayton C60B5-1 is manufactured by Ayton Products within Management Systems accredited to ISO 9001:2008, ISO 14001:2004 and ISO 45001:2018.

SURFACING DESIGN

The design and implementation of slurry seal using Ayton C60B5-1 should be carried out in accordance with BS EN 12273, PD 6689, Design Manual for Roads and Bridges Volume 7 Section 5 Part 2: HD 37/99 and Sector Scheme Document 13.

HEALTH AND SAFETY

Ayton C60B5-1 is classified as hazardous to the aquatic environment. For further information refer to our relevant Material Safety Data Sheet or contact our Safety, Health and Environment Department.

SUPPLY

Availability, prices and conditions of sale are available from our Bitumen Products Sales Department.

TECHNICAL SERVICE

Further technical information and advice is available from our Technical Department.

Product code:	C60B5-1
Revision:	03
Reviewed:	20.08.19
Next review:	31.12.20
Page:	1 of 2



Ayton Products is a trading name of Kier Integrated Services Limited

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Cationic bituminous emulsion: Ayton C60B5-1 C60B5 to EN 13808:2013		
Viscosity (dynamic)	20 – 300 mPa.s (Class 10)	EN 13302
Water effect on binder adhesion	NPD (Class 0)	EN 13614
Breaking behaviour	> 170 (Class 5)	EN 13075-1 (Forshammar)
Dangerous substances	NPD	-
Residual binder recovered by evaporation from cationic bituminous emulsion according to EN 13074 -1		
Consistency at intermediate service temperature	≤ 150 x 0.1 mm (Class 4)	EN 1426
Consistency at elevated service temperature	≥ 43 °C (Class 6)	EN 1427
Cohesion	NR (Class 0)	EN 13588
Durability Stage 1 Binder recovered by evaporation (EN 13074-1) and subjected to stabilisation (EN 13074 -2)		
Durability of consistency at intermediate service temperature	≤ 150 x 0.1 mm (Class 4)	EN 1426
Durability of consistency at elevated service temperature	≥ 43 °C (Class 6)	EN 1427
Durability of cohesion	NR (Class 0)	EN 13588
Durability Stage 2 Binder recovered by evaporation (EN 13074-1) and subjected to stabilisation (EN 13074 -2) and ageing (EN 14769)		
Durability of consistency at intermediate service temperature	NPD	EN 1426
Durability of consistency at elevated service temperature	NPD	EN 1427
Durability of cohesion	NR (Class 0)	EN 13588

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