

# Ayton C40B4



## Technical Data Sheet

### Tack Coat Emulsion

#### GENERAL

Ayton C40B4 is a cationic bitumen emulsion which complies with grade C40B4 of EN 13808:2013. It has been designed for use as a surface treatment tack coat bitumen emulsion. Ayton C40B4 is manufactured by Ayton Products within Management Systems accredited to ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018.

#### SURFACING DESIGN

The design and implementation of surfacing using Ayton C40B4 should be carried out in accordance with BS 594987 and Design Manual for Roads and Bridges Volume 7 Section 5 Part 2: HD 37/99. In addition, Ayton C40B4 is specified as a permitted option for use as part of certain Thin Surface Course Systems to SHW Clause 942. For use in these applications, reference should be made to the relevant BBA HAPAS certification.

#### HEALTH AND SAFETY

Ayton C40B4 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:	C40B4
Revision:	04
Reviewed:	10.09.20
Next review:	31.12.21
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Ayton Products is a trading name of Kier Integrated Services Limited

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<b>Cationic bituminous emulsion: Ayton C40B4 C40B4 to EN 13808:2013</b>		
Viscosity (dynamic)	≤ 30 mPa.s (Class 9)	EN 13302
Water effect on binder adhesion	NR (Class 0)	EN 13614
Breaking behaviour	110 - 195 (Class 4)	EN 13075-1 (Forshammar)
Dangerous substances	NPD	-
<b>Residual binder recovered by evaporation from cationic bituminous emulsion according to EN 13074 -1</b>		
Consistency at intermediate service temperature	≤ 220 x 0.1 mm (Class 5)	EN 1426
Consistency at elevated service temperature	≥ 35 °C (Class 8)	EN 1427
Cohesion	NR (Class 0)	EN 13588
<b>Durability Stage 1 Binder recovered by evaporation (EN 13074-1) and subjected to stabilisation (EN 13074-2)</b>		
Durability of consistency at intermediate service temperature	≤ 220 x 0.1 mm (Class 5)	EN 1426
Durability of consistency at elevated service temperature	≥ 35 °C (Class 8)	EN 1427
Durability of cohesion	NR (Class 0)	EN 13588
<b>Durability Stage 2 Binder recovered by evaporation (EN 13074-1) and subjected to stabilisation (EN 13074 -2) and ageing (EN 14769)</b>		
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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