

Ayton Aquagrip KE95P

Technical Data Sheet



Premium Grade

Microsurfacing Emulsion

GENERAL

Ayton Aquagrip KE95P is a Premium Grade polymer modified cationic bitumen emulsion which complies with grade C60BP5 of EN 13808:2013.

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

Ayton Aquagrip KE95P is manufactured by Ayton Products within Management Systems accredited to ISO 9001:2008, ISO 14001:2004 and ISO 45001:2018.

PROPERTIES

Ayton Aquagrip KE95P achieves Premium Grade classification in discriminatory tests as defined by Specification for Highway Works Clause 918.

SURFACING DESIGN

The design and implementation of microsurfacing using Ayton Aquagrip KE95P 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 Aquagrip KE95P is classified as hazardous to health and 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: | KE95P |
| Revision: | 05 |
| Reviewed: | 20.08.19 |
| Next review: | 31.12.20 |
| Page: | 1 of 2 |



Ayton Products is a trading name of Kier Integrated Services Limited

Browick Road, Wymondham, Norfolk, NR18 0RJ

Tel: 01953 602002 Fax: 01953 604965 www.ayton.co.uk www.kier.co.uk

Ayton Aquagrip KE95P

Technical Data Sheet



Premium Grade

Microsurfacing Emulsion

| Cationic bituminous emulsion: Ayton Aquagrip KE95P C60BP4 to EN 13808:2013 | | |
|--|-----------------------------------|-------------------------|
| Viscosity (dynamic) | 20 - 300 mPa.s (Class 10) | EN 13302 |
| Water effect on binder adhesion | NR (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 5) | EN 1426 |
| Consistency at elevated service temperature | ≥ 46 °C (Class 5) | EN 1427 |
| Cohesion | ≥ 1.2 J/cm ² (Class 3) | 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 5) | EN 1426 |
| Durability of consistency at elevated service temperature | ≥ 46 °C (Class 5) | EN 1427 |
| Durability of cohesion | ≥ 1.2 J/cm ² (Class 3) | 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 | NPD | EN 13588 |

Product code: KE95P
Revision: 04
Reviewed: 20.08.19
Next review: 31.12.20
Page: 2 of 2



Ayton Products is a trading name of Kier Integrated Services Limited

Browick Road, Wymondham, Norfolk, NR18 0RJ

Tel: 01953 602002 Fax: 01953 604965 www.ayton.co.uk www.kier.co.uk