

# COLAS PRODUCTS DATA SHEET

## COLBOND MULTI



**Colbond Multi** is a polymer modified cationic bitumen emulsion designed to be applied both as a bond coat and vertical joint paint. **Colbond Multi** forms a uniform film of polymer modified bitumen on both horizontal and vertical faces forming a strong adhesive bond between bituminous overlay and the existing surface.

In addition the application of **Colbond Multi** also improves the waterproofing of the road pavement. **Colbond Multi**, when fully broken, prevents 'pick-up' on the wheels, tracks or tyres of the paver/delivery vehicles and prevents disbanding/debonding of the overlay during subsequent service life when subjected to traffic stresses. Applied to vertical edges **Colbond Multi** replaces conventional hot pour bitumen.

### WHERE TO USE?

- Carriageways
- Footways
- Car parks

### PREPARATION

Surface to be treated must be free from detritus, standing water, loose materials and oil spillage.

### APPLICATION

Prior to application **Colbond Multi** should be circulated thoroughly. **Colbond Multi** should be applied at 0.52l/m<sup>2</sup> to achieve the recommended 0.35kg/m<sup>2</sup> residual spread rate stated in BS594987: Clause 5.5 application of bond coats and 6.8 Joints.

### NATIONAL SALES OFFICE

Loushers Lane  
Warrington  
Cheshire  
WA4 6RZ  
T: 01925 632 616  
E: product.sales@colas.co.uk

Vehicular traffic should be kept off the treated area until the emulsion has fully broken, colour changes from brown to black, then the overlay should be applied.

It is recommended that **Colbond Multi** is applied when the ground temperature is 5°C and rising or <40°C. Humidity should preferably not exceed 70% however **Colbond Multi** can be applied in higher humidity but this will prolong the break time. **Colbond Multi** should be applied at 85°C using a mechanical spray tanker calibrated to BS1707 (Hot binder distributors for road surface dressing).

### COVERAGE

It is recommended that the **Colbond Multi** is applied at coverage rates specified in BS594987 Clause 5.5 Application of bond coats and 6.8 Joints. For further information or guidance please contact our National Sales Office.

### PACKAGING

**Colbond Multi** is available in bulk loads.

### STORAGE

Protect from frost. Bulk material should be circulated before use. For further information please refer to BS434-2 2006 Clause 5.2 Storage.

### STANDARDS

**Colbond Multi** is a CE Marked cationic emulsion to BS EN13808:2013 C65BP4 or C67BP4.

Full CE Marking information is available from the Colas Products website [www.colasproducts.co.uk](http://www.colasproducts.co.uk)

Emulsion	
Binder content (EN 1428)	65-69% (Class 8) 67-71% (Class 8)
Viscosity (EN 12846-1)	15 - 70 s (Class 3)
Breaking behaviour (EN 13075-1)	> 170 (Class 5)
Recovered binder minimum peak vialit cohesion (EN 13588)	> 1.0 J/cm <sup>2</sup> (Class 4)

### SAFETY

For full safety information please request the **Colbond Multi** Safety Data Sheet 11 using the contact information below.



WE OPEN THE WAY