

COLAS PRODUCTS DATA SHEET

CATIONIC SLURRY SEAL EMULSION (CSS)



Cationic Slurry Seal Emulsion (CSS) is a key constituent of slurry seal for hand or machine application. Ideal for rejuvenating cracked, spalled and worn surfaces.

CSS is based on a K3 cold emulsion with a fast application and drying time of approximately 30 minutes. This means that the material can be laid quickly, economically and safely with the minimum disruption to road users and residents. By varying the size of aggregates used, the texture depth can be altered to suit site requirements with typical slurries based on 0/4 or 0/6mm grades for footway or urban carriageway application.

Other components are required to be mixed on site with **CSS** emulsion in order to produce a slurry seal e.g. stabiliser, cellulose fibre and cement. These materials are supplied by Colas and further details are available on request. For higher stressed areas, Colas Ltd can offer a polymer modified version of **CSS**, please contact our National Sales Office for further information.

WHERE TO USE?

- Footways
- Carriageways
- Car parks
- Hard shoulders

PREPARATION

The surface to be treated must be free from all dust and loose material and should be cleaned thoroughly with a mechanical broom and/or suction sweeper, supplemented if necessary by hand sweeping. Open cracks must be cleared of vegetation and other loose material. All debris and loose material arising must be removed.

NATIONAL SALES OFFICE

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

APPLICATION

CSS emulsion mixes can be produced in simple bell mixers or for larger quantities, in purpose built mixing equipment provided proper attention is given to mix composition. **CSS** mixes are spread using a rubber bladed squeegee and soft broom. It is recommended that **CSS** is only applied when the ground temperature is 5°C and rising or less than 40°C.

COVERAGE

When using 4mm aggregate the coverage from a 200kg drum is approximately 160-200m².

PACKAGING

CSS is supplied in bulk and in 200kg drums.

STORAGE

Protect from frost. Drums should be rolled frequently to avoid separation. Bulk material should be circulated before use. For further information please refer to BS434-2:2006, Section 5 Clause 5.2 Storage.

STANDARDS

CSS is a CE Marked cationic emulsion to BS EN13808:2013 C55B(F) or C60B(F). **CSS** also complies with the withdrawn BS434-1 Standard as a K3 Type emulsion.

Full CE Marking information is available from the Colas Products website. www.colasproducts.co.uk

PROPERTIES

Particle charge	Positive (Cationic)
Residue on sieving 500Qm	0.1% m/m max
Residue on sieving 160Qm	0.25% m/m max
Binder content	56% m/m min
Efflux 2mm @ 40°C	15-70s (Class3)
Coagulation at low temperature	Nil

SAFETY

For full safety information please request the **Cationic Slurry Seal Emulsion** Safety Data Sheet O2S using the contact information below.



WE OPEN THE WAY