



COLPRIME E™

Emulsion Based Prime

Product Data Sheet 2018/08

DESCRIPTION

COLPRIME E™ is a non-flammable, low viscosity emulsion prime with reduced drying time, formulated with a special blend of Colas emulsifiers.

USES

COLPRIME E™ can be used as a prime on natural gravel, crushed stone and cement treated base coarse materials. Due to its low viscosity it will rapidly penetrate these materials to a depth of 3 to 8 mm.

PROPERTIES

COLPRIME E™ radically reduces the use of hydrocarbon solvents and surfaces primed with this material can usually be overlaid within 24 hours. The product is brown in colour immediately after application, but rapidly changes to a black colour within minutes after application. Quicker penetrating than MC 30 and MSP 1.

SPECIFICATIONS

EMULSION PROPERTIES	SPECIFICATION	TEST METHOD
Water content % m/m	42 - 46	ASTM D244
Saybolt Furol Viscosity @ 50°C SFs	10 - 35	ASTM D4402
Residue on sieving g/100 ml Particles > 710 µm Particles > 150 µm	< 0.10 < 0.25	SANS 4001- BT4:2014
Particle charge	Positive	SANS 4001- BT4:2014

DIRECTIONS FOR USE

1. For hand-spray application, **COLPRIME E™** can be applied at ambient temperature. Theoretically, for application by binder distributor, similar application temperatures apply. However, depending on the type of equipment, best results are obtained if the product is heated to a maximum temperature of 45°C.
2. **COLPRIME E™** can be applied at a minimum road surface temperature of 10°C and rising.
3. Typical application rates are 0.8 to 1,2 l/m².
4. If the primed base is to be overlaid by hot-mix asphalt, a minimum curing period of 6 hours is recommended. If a chip seal is to be placed on top of the primed surface, a minimum curing period of 24 hours is recommended.
5. Dampening of the base coarse prior to the application of **COLPRIME E™** is not recommended.

Head Office

Cape Town PO Box 82 Eppindust 7475 **Tel** +27 (0)21 531 6406 **Fax** +27 (0)21 531 5514 **Email** info@colas-southafrica.com

Website www.colas.co.za

Colas provides the above data sheet in good faith and it is provided without warranty, representation, inducement or license of any kind; as such Colas shall not be liable for cost, damages or losses incurred as a result of reliance on the abovementioned information.