

# CATIONIC RAPID SETTING 1 (CRS1)



## APPLICATION

CRS -1 has been specially designed for strong tack coat, penetration macadam and sand seal purposes

## OBJECTIVES

- Maintain good bond between the existing layer and new bituminous layer
- Strong resistance to movement of structural layers
- Forms strong water resistant layer to prevent any water table changes
- Seal the pores and make the surface water resistant
- Provides good adhesion between the layers on good spraying

## SPECIFICATIONS

CRS-1 conforms to BIS 8887:2004 cationic Rapid setting type-1

Sr. No.	Tests	Results	Specs.	Test Method
1	Sieve test	0.016	<0.05	Annex B
2	Viscosity @ 50°C	28	20 – 100	IS 3117
3	Coagulation at low temperature	Nil	NIL	Annex C
4	Miscibility with water	Nil	NIL	Annex H
5	Storage stability after 24 hrs.	0.52	< 2	Annex D
6	Particle charge	POSITIVE	POSITIVE	Annex E
7	Percentage of residue	63.5	> 60	Annex J
8	Penetration @ 25°C	110	80 – 150	IS 1203
9	Ductility @ 27°C	> 50	>50	IS 1208
10	Solubility in trichloroethylene	99	> 98.0	IS 1216

## PACKING

Available in Bulk, 200kg RCD Drums & 200kg HDPE drums

NB: Don't mix water with bituminous emulsions