Modimuls® TT

C55B4 [C55B4 classification according to CE and NEN-EN 13808]

LATEXFALT

MODIMULS® TT - CATIONIC RAPID SETTING BOND/TACK COAT EMULSION

C55B4 classification according to CE and NEN-EN 13808

Product properties	Standard	Unit	Specification	Class
EMULSION	**NEN 13808**			
Viscosity 2 mm, 40°C	EN 12846	s	15 - 45	3
Adhesivity	EN 13614	% covered	> 90	3
Breaking index	EN 13075-1	-	70 - 130	5
Solid content [100%-water content]	EN 1428	% by mass	53 - 57	4
Sieve residue 0.5 mm	EN 1429	% by mass	≤ 0.1	2
RECOVERED BINDER	**EN 13074**			
Penetration, 25°C	EN 1426	0.1 mm	≤ 100	3
Softening point [Ring and Ball]	EN 1427	°C	≥ 39	4
ACCELERATED LONG TERM AGING	EN 13074	J/cm²	≥ 0.7	3
Penetration, 25°C	EN 1426	0.1 mm	TBR	1
Softening point [Ring and Ball]	EN 1427	°C	TBR	1

A CLEAN EMULSION

Modimuls® TT is a rapid setting bond/tack coat emulsion, especially designed for high performance asphalt constructions. Due to the non-sticky nature, this emulsion is especially suited to be used during the summer period. Even at high ambient temperatures, the coat does not stick to the tires of the asphalt trucks feeding the paver. Therefore, contamination with black bitumen smears of the surrounding areas of the asphalt paving job is avoided. This is especially of interest in urban areas.

STORAGE STABLE & EXCELLENT WORKABILITY

Modimuls® TT is storage stable and can be stored for a least three month. The emulsion can be applied using standard spraying equipment at a temperature of 60 - 70°C; mild heating is preferred as over-heating can cause premature breaking of the emulsion. Although gear pumps are not recommended, the material can be sprayed with this equipment when heated to 70°C. De breaking time at 20°C and 80% RH is 5 - 15 minutes, enabling efficient asphalt paving.

IMPROVED ADHESION

A homogeneous bond/tack coat layer is assured over the entire road surface as pick-up of the adhesive layer by truck tires does not occur. The increased toughness of the harder grade of bitumen used is reflected in a higher [Leutner-test] shear strength between the asphalt layers.