

TACK COAT NO.2

Co-Polymer, Hot Melt Adhesive

Description

TACK COAT NO.2 is a cold applied, one component, high strength adhesive based on GCP's unique ESSELAC® advanced resin technology and extensive experience in the development of high performance tack and bond coats.

Uses

TACK COAT NO.2 is applied to GCP's ELIMINATOR® waterproofing membrane to provide a bond between the membrane and the bituminous road surfacing. It is recommended specifically for applications where Sand Carpet asphalt to BS594: Part 2: 2003, mastic asphalt and gussasphalt are specified.

Features

- Provides an excellent bond between the surfacing and ELIMINATOR®
- Contrasting colour for easy application
- Heat activated by the asphalt surfacing temperature
- Approved for use with the Eliminator bridge deck waterproofing membrane by:
 - EOTA – ETA No.15/0362, Liquid Applied Bridge Deck Waterproofing, ETAG 033
 - British Board of Agreement (UK) – HAPAS Certificates No.11/H169, 11/H170, for Highways England road bridges

Technical Data

PROPERTY	VALUE
Drying Time @ 23 °C	1 hour touch dry, surfacing commencing after 24 hours
Minimum Activation Temperature	85 °C

Surface Preparation

TACK COAT NO.2 should be applied to fully cured ELIMINATOR®. Minimal preparation is required; the ELIMINATOR® membrane must be clean, dry and free from any contamination.

Application

Immediately before use stir the TACK COAT NO.2 resin thoroughly using a mechanical mixer, such as an air-driven drill (400 – 800 rpm) or intrinsically safe electric drill with mixing paddle.

TACK COAT NO.2 should be applied evenly to the substrate by brush, roller or airless spray.

Avoid ponding; should it occur, surplus tack coat should be removed or evenly dispersed by brushing. During application use a straight edge or other means at day joints and at membrane overlap areas to keep them free from TACK COAT NO.2.

The initial touch-dry time of TACK COAT NO.2 will depend upon site conditions but is typically 60 minutes at 23 °C, and it dries to a hard, dirt repellent film.

Surfacing should not commence for 24 hours, and can be delayed for several days, allowing some trafficking by construction vehicles. Surfacing can commence provided the surface is not damaged, dry and remains free of adhered contaminants. The tack-coated surface should be free of water and other contaminants when the surfacing is applied.

The activation temperature of TACK COAT NO.2 is 85 °C. Asphalt temperatures drop rapidly when placed onto a cold surface, so it is advisable to allow for this by achieving a minimum asphalt laying temperature of 130 °C. The laying temperature is taken prior to rolling by placing a probe in the centre of the mat once screeded from the paver.

The application of the surfacing activates the TACK COAT NO.2 and as the temperature cools it forms a strong bond between the ELIMINATOR® membrane and the surfacing.

Coverage

TACK COAT NO.2	0.1 to 0.2kg/m ²
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Cleaning

All tools and equipment should be cleaned with acetone before the material is allowed to cure.

Packaging & Storage

TACK COAT NO.2 is supplied in 5kg, 20kg and 190kg packs.

All components of the system should be stored in cool, dry, protected conditions, out of direct sunlight and in accordance with the relevant Health & Safety regulations. Storage temperatures must not exceed 25 °C. Do not store near naked flames or foodstuffs.

If the TACK COAT NO.2 is supplied in a 190kg drum and is to be decanted into smaller containers it should be stirred thoroughly immediately prior to decanting.

Stored in unopened containers, under the correct conditions, the components have a minimum shelf life of twelve months. If your product is more than twelve months old contact Technical Service before use.

Health & Safety

Please refer to our Safety Data Sheets for further information.

General Information

TACK COAT NO.2 is part of a wide range of specialist waterproofing, surfacing and repair materials manufactured and supplied by GCP. If you require any further information on this or any other of our products, please contact Technical Services or visit our website www.gcpat.com.



gcpat.hk | For technical information: asia.enq@gcpat.com

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