



METHOD STATEMENT

FORMULA: 011

Treatment of Expansion Joints

Product: Eniseal-NS, Aquacrete 30%®, Aquaguard 50%®

Marketed By : Star Coatings & Membranes Pvt. Ltd. (New Delhi)

SUBSTRATE PREPARATION

1. Prior to starting preparation, close the area to be prepared to all traffic and other trades.
2. The preferred method of substrate (plastered surface) preparation is; scrapping, sanding, and light surface grinding.
3. If any part of the surface is contaminated by oil, grease, or fuel, the contamination shall be removed before other forms of preparation are undertaken.
4. At free edges such as aisle ways and doorways the emulsion shall be terminated properly.
5. Prepare the surface using the chosen method, removing all laitance and weak or friable matters (i.e. Tarfelt etc.). The finished surface should have a profile of medium to fine sandpaper.
6. Surface defects exposed during preparation such as shrinkage cracks, blowholes, minor honeycombs, and minor damages, etc. shall be treated properly by using suitable surface filler, preferably, cementations materials (i.e. AQUAGUARD 50%® Pure acrylic based polymer).
7. When it is known prior to starting work on the surface that repairs are required, the repairs should be executed before general preparation is undertaken.
8. When surface preparation is complete, clean the surface with dry clean cloth to remove all dust and debris if any.
9. Protect areas such as windows, doors, ceilings, etc. that may be splashed when the emulsion is being applied.

PREPARATION OF EXPANSION JOINT

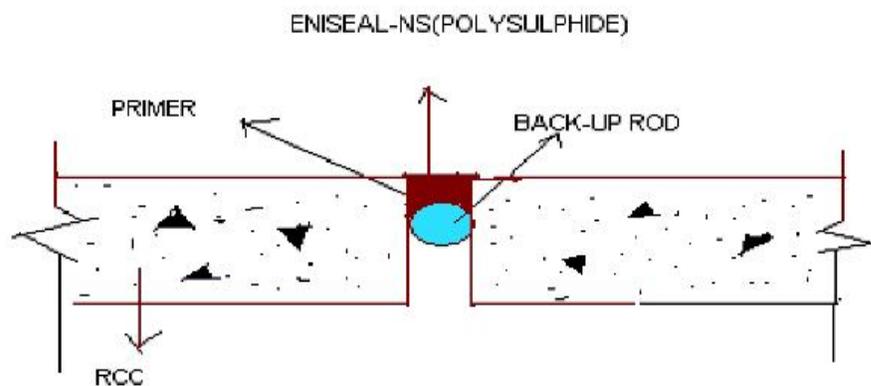
1. Removal of existing concrete from the joint.
2. Cleaning of joints surface to remove all loose material, dust etc.
3. Preparation of groove of respective size with SBR based **AQUACRETE 30%®** compound 1 Kg admixed in cement sand mortar 1:4.

EXPANSION JOINT TREATMENT

1. Fixing of Back-up rod in the groove and providing a space of respective groove for filling of polysulphide.
2. Applying primer to the edges of the groove.
3. Application of two-component polysulphide sealant **ENISEAL-NS** into the prepared groove.

WATERPROOFING OF EXPANSION JOINT

1. Covering will be provided at the necessary points at the Junctions of columns & beams.
2. Application of **AQUAGUARD 50%®** as a primer coat on the both side of the expansion joint and then application of an Electrometric waterproofing membrane **ENIROOF EMB®** up to a length of 1 feet either side of the joint.



EXPANSION JOINT TREATMENT

