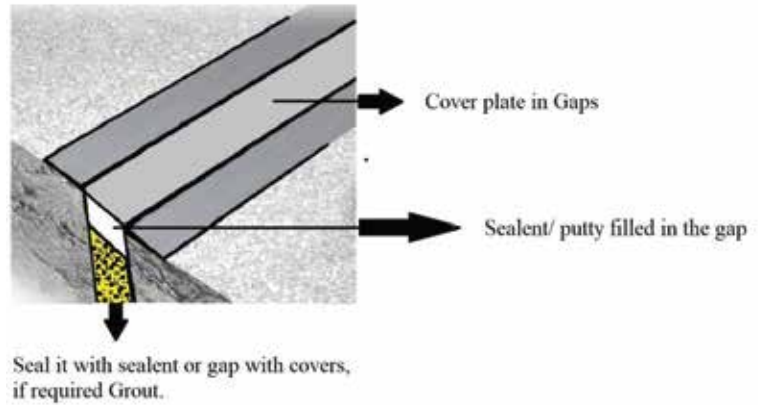




Global Business SOLUTION

TREATMENT OF EXPANSION JOINT WITH CYH-303



CYH303 :

CYH -303 is a self-reacting of Double component hydrophilic polyurethane which has a polyether properties.

CY303 is Double component having high and hardened foam is same like rubber, we can use this for expansion joints and water leakages caused by deformation.

Materials Required:



CYH303 –Double Component Hydrophilic



CY-1000- High pressure Grouting Injection



Injection packer



Sponge/Joot



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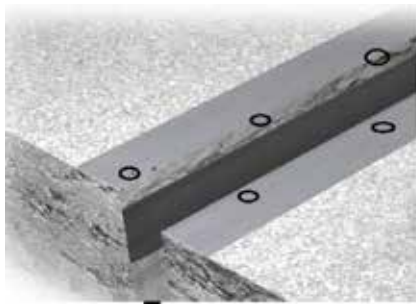
During grouting work:

Surface Cleaning:

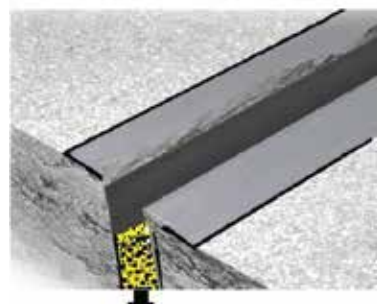
- Surface Preparation (making surface free from dust, dirt and any another unwanted material by using the wire brush or grinder).
- Analyzing the Surface check whether it is wet or dry. Any horizontal & vertical gaps expansion we can treat with it.

First Procedure

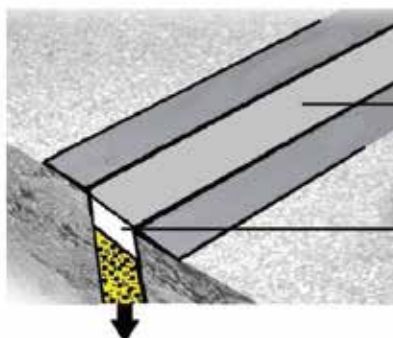
- Mix the Polyurethane-Resin CYH 303 with mixing ratio 1:1 in the jar and stir well.
- Make use of Sponge, cut it in required size and dip into the mixed Pu (CYH-303) and push it into the gap of Expansion Joint hardly up to required depth.
- After Filling the gaps of Expansion joint fill it with Sealants / Epoxy Putty for sealing.



Clean the surface with wire brush
Make it Wet if the surface is dry.



Dip the Sponge/joot into CYH303 and
insert that mixed sponge in the gap



Cover plate in Gaps

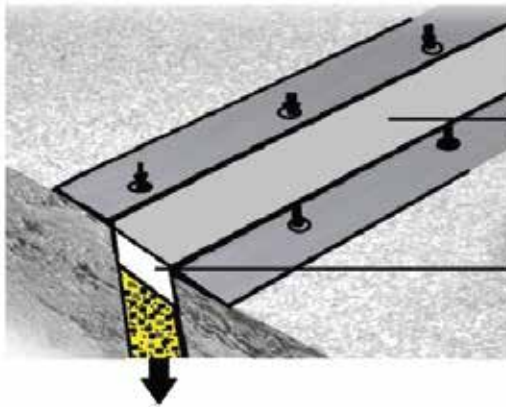
Sealant/ putty filled in the gap

Seal it with sealent or gap with covers,
if required Grout.



Second Procedure:

- Fix the packers nearby joints and start grouting slowly in an interval of 20-30sec/pump until the polyurethane react with water and become foam till that grout slowly.
- Thus it ensures the resin to get react with water to form a hydrophilic foam, which will seal all the joints and leakages effectively.
- Allowing it to cure and analysis for two days.
If leak stopped break the top part of the peckers and sealed with Epoxy putty.



Cover plate in Gaps

Sealant/ putty filled in the gap

Seal it with sealant or gap with covers,
if required Grout.

