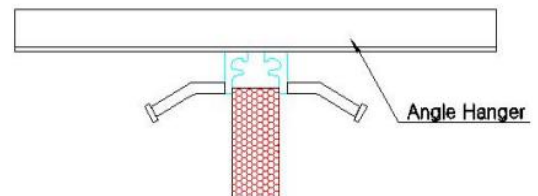


STRIP SEAL JOINT INSTALLATION PROCEDURE

1.1-Install expansion joint

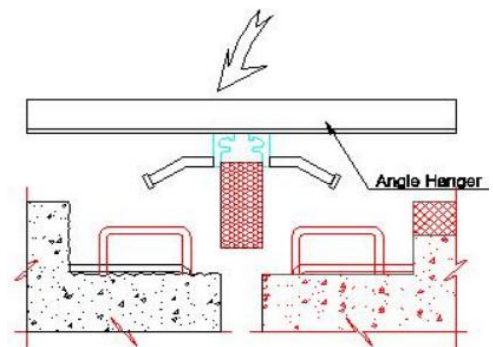
1.1.1 Install additional 12mm ring and re bar

- Before put expansion joint in block-out ,install the additional ring shape re-bar.
- Connect expansion joint to the installation hanger by bolting or clamping tool, and insert the sound absorbing sponge as sketch.



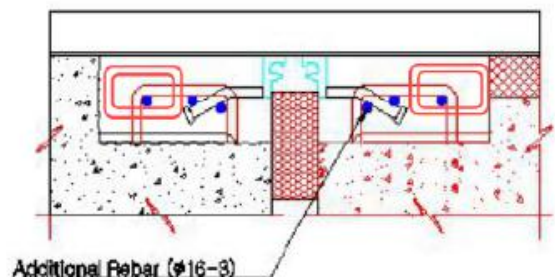
1.1.2 Install expansion joint in block out

- Install the Styrofoam or sound absorbing sponge between inside of edge rails as a form work.
- Put the joints hanger on the top of pavement to keep same level with pavement.



1.1.3 Install additional re-bar

Install the additional re-bar



1.1.4 Welding connection rail

The strip seal joint provide separately in 6-linear meter each without fitting of the waterproofing gland seal in order to make minimum connection of water proofing rubber gland at the site. Therefore, the edge rails shall be connected by field splice welding at every 6 meter.

Therefore, the rugger gland seal shall be fitting after completion of the installation.

1.1.5 Tolerance

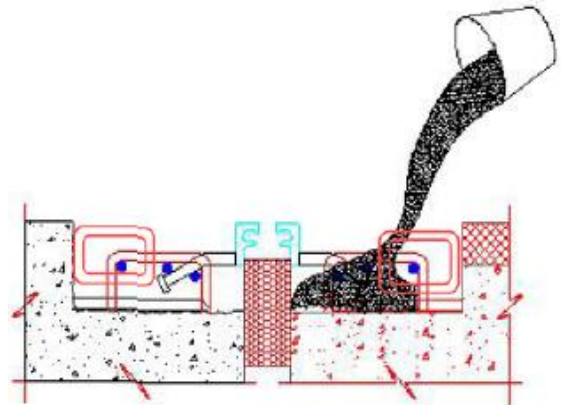
The joint shall be adjusted in 3mm lower than parallel with pavement's top level. The alignment of joint shall be adjusted in straight within $\pm 3\text{mm}$.

2.1 Non-shrinkage concrete

As soon as finish installation of joint system, the installation hanger should be removed.

The surface of pavement around concrete area and joint system should be protected by masking to avoid contaminating by concrete paste.

While pouring concrete into block out, the special care shall be taken in a manner of layer by layer compaction using vibrator to prevent voids at the corner of angle part.



For the non shrinkage concrete ,the compressive strength should be more than 600kg/cm^2 .

3.1 - Curing on shrinkage concrete

After casting the non-shrinkage concrete, the surface of mortar should be protected by the appropriate curing sheets, e.g, vinyl sheet or fabric sheet to prevent evaporation of its surface water immediately.

During concrete curing period (at least 7 days), the concrete area must be protected safely from any traffics and loading to avoid its damages.

4.1- Inserting waterproofing rubber glad

After completion of concrete curing, the waterproofing rubber gland should insert between edge rails.

In case of the installation for the longitudinal expansion joint, the waterproofing rubber gland shall be installed in expansion joint after completion of concrete casting in order to get minimum rubber seal connection at job site. Therefore, the rubber seal shall delivered in 100 meters in roll bundle separately.

