



Manufacturer of Bridge Components

Bedding Strip

Data sheets



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Design Features

A hardwearing and durable **Reinforced Rubber** membrane formed from elastomer, fabric and other additives. It is a versatile rubber system with unique flexibility properties that is designed to absorb the movements and support the RE module, while forming a bedding for the module that it is supporting.

The purpose of the design is to produce a membrane to replace grout, with two fundamental reasons after years of experience on installation of the modules:

- ❖ Removal of the wet trade.
- ❖ Increase speed of the installation.

Bedding Strip (BS) is flexible enough to fill the concrete contour, hence forming one single unit with the AssaFlex Damp Barrier (DB) and the AssaFlex RE Module.

Bedding strip is used in place of grout.

By using bedding strip, the client saves money and time, allowing one team to carry out the installation in one cycle, therefore increasing productivity.

The membrane has similar bolt holes (10 No) to the RE Modules, allowing a swift placement under the RE modules and speeding up the installation process.

Bedding strip is manufactured in 10mm & up to 50mm thicknesses.
General production thickness is 10mm.

The thickness and number of layers are determined according to the thickness of the bedding required under the expansion joints.

If the deck has a good finish, then only one 10mm layer is adequate. In a case where, due to the unevenness of the deck the depth between the concrete deck and finished road level is greater than the expansion joints thickness, then more layers of bedding strip is required. On refurbishment projects usually more than two layers are required.

Bedding strip can be used with RE & EMR products.



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Fixing of the membrane

The membrane is positioned under the expansion joints in two sections, leaving a space in between the two for the drainage.

There are 10 No fixings holes following similar measurements / spacing to the RE & EMR products, i.e. 5 holes per side.

Benefits

- Designed to accept movements under the expansion joints
- Flexible & durable
- 10 No fixings holes per one meter unit.
- Speed up the installation process.
 - ✓ By removing the wet trade
 - ✓ Being able to install expansion joints in a single process.
- Economical
- Easy to use system.

In Brief

- 1. Saving time***
- 2. Saving costs***
- 3. Flexibility***
- 4. Strength***
- 5. Ease of application***
- 6. Crack Suppression***
- 7. Low temperature use of the membrane***



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