



*Manufacturer of Bridge Components*

## ***Elastomeric Expansion Joints***

### ***AssaFlex RE***

#### ***Data sheets-2***



## Expansion Joints RE-data sheets/2

### Design Features

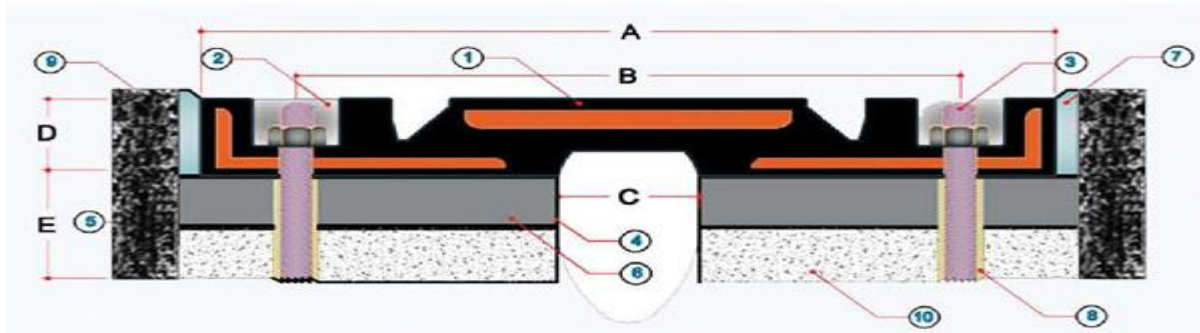
AssaFlex Expansion Joint comes in eight standard types;

The principal design is ASTM standards.

(Design standard can be altered to suite the clients requirements)

**(RE Type – 280-440)**

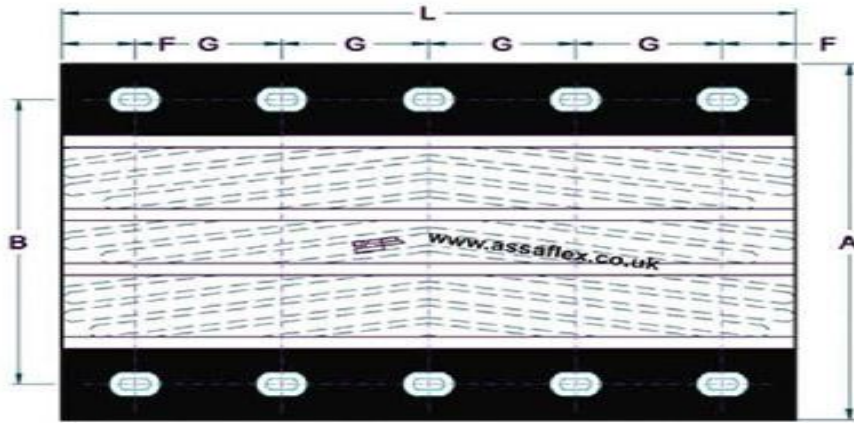
In this type of design, the module is reinforced in three areas following the **Single Upper Steel Frame Work**.



#### Details on RE Modules: 280 - 440

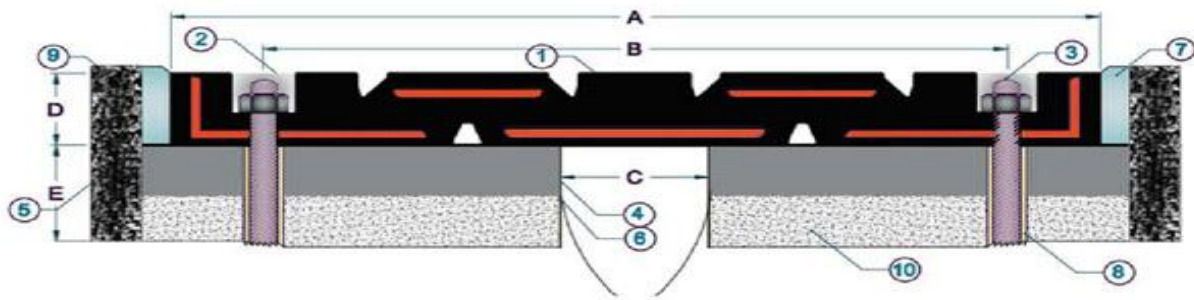
| Type   | Movement | A   | B   | C  | D  | E   | F   | G   | L    |
|--------|----------|-----|-----|----|----|-----|-----|-----|------|
| RE 280 | 45       | 280 | 200 | 40 | 42 | 200 | 100 | 200 | 1000 |
| RE 360 | 65       | 360 | 280 | 60 | 46 | 200 | 100 | 200 | 1000 |
| RE361  | 65       | 360 | 280 | 60 | 46 | 200 | 125 | 200 | 1250 |
| RE 440 | 80       | 440 | 340 | 70 | 52 | 200 | 100 | 200 | 1000 |

Table 1 - Measurements in mm



**(RE: Type -580-1100)**

In this design the module is reinforced in five areas and movements are distributed in four points following the **Double Upper steel Frame**.



**Details on RE Modules: 580 - 1100**

| Type    | Movement | A    | B   | C   | D   | E   | F   | G   | L    |
|---------|----------|------|-----|-----|-----|-----|-----|-----|------|
| RE 580  | 100      | 580  | 450 | 80  | 55  | 250 | 100 | 200 | 1000 |
| RE 750  | 165      | 750  | 600 | 120 | 75  | 250 | 100 | 200 | 1000 |
| RE 900  | 220      | 900  | 740 | 150 | 93  | 250 | 100 | 200 | 1000 |
| RE 1100 | 320      | 1120 | 940 | 200 | 110 | 250 | 100 | 200 | 1000 |

**Table 2 - Measurements in mm**



**Tongue & Grooved Interlocked**

**Table 3-RE Technical Details**

| <b>Type<br/>RE</b> | <b>Max<br/>Movement<br/>mm</b> | <b>Joint<br/>mm</b> | <b>Width<br/>mm</b> | <b>Length<br/>mm</b> | <b>Module<br/>Thickness<br/>mm</b> | <b>Anchor<br/>Bolts<br/>mm</b> |
|--------------------|--------------------------------|---------------------|---------------------|----------------------|------------------------------------|--------------------------------|
| <b>280</b>         | 45                             | 40                  | 280                 | 1000                 | 42                                 | 16                             |
| <b>360</b>         | 65                             | 60                  | 360                 | 1000                 | 46                                 | 16                             |
| <b>361</b>         | 65                             | 60                  | 360                 | 1250                 | 46                                 | 16                             |
| <b>440</b>         | 80                             | 70                  | 440                 | 1000                 | 52                                 | 18                             |
| <b>580</b>         | 100                            | 80                  | 580                 | 1000                 | 55                                 | 20                             |
| <b>750</b>         | 165                            | 120                 | 750                 | 1000                 | 75                                 | 20                             |
| <b>900</b>         | 200                            | 150                 | 900                 | 1000                 | 92                                 | 20                             |
| <b>1100</b>        | 320                            | 200                 | 1120                | 1000                 | 110                                | 22/24                          |