Thioflex® 600 Gun Grade

**High movement fuel resistant elastomeric joint sealant**

**1.00 Fuel resistant joint sealant**

Where so designated on the drawings, joints are to be sealed using a high movement capable, fuel resistant two-part, joint sealant capable of iitial cure time of 24 hours @ 250C.

**1.10 Surface Preparation**

 The joint surfaces must be thoroughly dry and clean. Remove all laitance, curing compounds, form release agents, loose materials and any contaminating foreign matter from joint faces.

 Depending on the joint configuration, place with pressure fit, a closed cell, polyethylene (PE) backing rod, PE bond breaker tape or filler board into the joint to support the internal back of the sealant.

 Note and follow any priming requirements referred to in the sealant manufacturers data sheet.

**1.20 Joint Sealant**

 The joint sealant is to be a two component, polysulphide rubber joint sealant exhibiting the following properties:

|  |  |
| --- | --- |
| **Form:** | 2 component paste |
| **Movement accommodation:** | +/-30%  |
| Initial cure: | 24 hours at 25ºC48 hours at 15ºC |
| **Shore ‘A’ hardness:** | 15 – 20 @ 250C |
| **VOC content:** | 10g / litre |
| **Chemical resistance** (occasional spillage**):**  | PetrolDieselAviation fuelsKeroseneSkydrolWhite spirit |

1.21 The joint sealant shall be applied in strict accordance with the manufacturer’s product data sheet.

**1.30** **Fosroc Thioflex 600 Gun Grade** and **Fosroc Primer 7** meet the performance criteria and are approved.

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