

Test Certificate

No. 489 0403 A33

Soil Stress Test in Observance with prEN 489:2002

for

T-Joint-Connection "SP T-flex with metal plates"

by order of

Salling Plast A/S – Ranum, Dänemark

FFI-Report 618E_4522

Test Specimen

T-Connection "SP T-flex with metal plates" for plastic bonded service pipe DN 65/140
and a distribution pipe DN 25/90

The soil stress test in observance with the European Standard EN 489 (edition prEN489:2002)

was carried out at the FFI in March 2003:

Sand box test with 8% humidity sand according to prEN 489:2002

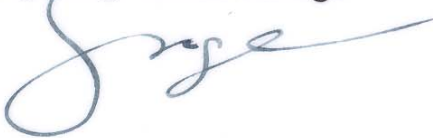
and 100 cycles with a speed of 1 mm/min and

water impermeability test with 30°C, 30 kPa for a period of 24 h.

There was no intrusion of water.

The soil stress test for the sealing system was successful.

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