

TEST CERTIFICATE

489 1506 142A

Tests according to EN 489:2009

for

non-welded joint for district heating pre-insulated pipeline systems type

non-shrinkable oversized casing with sleeves

"Canusa SuperSeal L"

by order of

Canusa Systems, a division of ShawCOR UK Ltd.

Test sample No. 4137:

Joint non-shrinkable oversized casing with Canusa sleeves

"Canusa SuperSea L"

on 1x DN 80/160

Test report 1272E5114

The following tests have been completed in accordance with the European Standard EN 489:2009 at the FFI for one non-welded joint in June 2015:

Soil stress test and water impermeability test.

The joint has passed the tests successfully.

Hemmingen, 2015-06-17

Thomas Grage Managing Director FFI FERNWÄRME FORSCHUNGSINSTITUT GmbH

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