

# TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing  
20678

## TEST SUMMARY

### Project

Evaluation of Proofex Torchseal A700 Batch number (16565) against requirements of PD  
CEN/TS 14416:2014

### Report Number

0216-3 PD CEN/TS 14416

### Customer

NAME	Parchem Construction Supplies Pty Ltd
ADDRESS	1956 Dandenong Rd Clayton VIC 3168
CONTACT PERSON	Phil Jones
EMAIL	Phil.Jones@fosroc.co.nz

### Name of test material

Proofex Torchseal A700

### Description of test material

Torch applied 4.5 mm thick 'plant root repellent' bituminous waterproofing membrane.

### Date of receipt of test material

1/11/2022

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Report number	Issue Date	Expiry Date
0216-3 PD CEN/TS 14416	25/07/2023	25/07/2026

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## Testing Facility and Location

NAME	XTec Gen Pty Ltd
ADDRESS	30-32 Park Avenue Woodville North 5012
ABN	22634729294

## LIMITATION

The test results reported here relate only to the items tested.

## CUSTOMER SUPPLIED INFORMATION & DATA

N/A

## TERMS AND CONDITIONS

This report is issued in accordance with the Terms and Conditions as detailed and agreed in the *XTecGen Test Request and Sample Submission Form*.

## SIGNATORIES



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Author

*Eric Scardigno*

*Laboratory Manager*



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Reviewer

*Phil Scardigno*

*Technical Manager*

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<b>Report number</b>	<b>Issue Date</b>	<b>Expiry Date</b>
<b>2016-3 PD CEN/TS 14416</b>	<b>25/07/2023</b>	<b>25/07/2026</b>

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## Testing:

Testing carried out in accordance with †PD CEN/TS 14416:2014

Additions, deviations and/or exclusions from PD CEN/TS 4416:2014:

Nil

## Test Parameters:

PARAMETER	VALUE
Growing media	Potting Soil
Dimensions of pots: internal top diameter (mm)	240mm
Dimensions of pots: internal bottom diameter (mm)	135mm
Dimensions of pots: height (mm)	220mm
Number of seeds planted	35
Species of seeds	Russel Lupin
Date seeds planted	23/05/23
Date plants inspected & evaluated	17/07/23
Duration of cultivation	55 days

## Test Results:

TEST RESULT	CONTROL	REPLICATE 1	REPLICATE 2	REPLICATE 3
Number of seeds planted	35	35	35	35
Number of live plants at end of test	14	14	20	21
Maximum length of root development (approx. mm)	140-150mm	120mm	110-120mm	100mm
Root penetration observed (Y/N)	Y	N	N	N

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## Root penetration of geosynthetic barrier: Images

Replicate 1:



Showing root development of top of Proofex Torchseal A700, but no root penetration through barrier

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Replicate 2:



Showing root development of top of Proofex Torchseal A700, but no root penetration through barrier

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### Replicate 3:



Showing root development of top of Proofex Torchseal A700, but no root penetration through barrier

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Control:



Showing profile view of control pot with root penetration through to bottom of lower soil level

## Discussion

Control pot showed good germination and root development of germinated plants indicating vitality of the planted seeds to be good.

Pot replicates 1, 2 and 3 all showed good plant germination and root development of germinated plants, however no roots were observed to penetrate through the Proofex Torchseal A700, indicating the barrier to be effective in preventing the root penetration.

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†This symbol indicates tests for which XTecGen Laboratory was not NATA accredited for at time of testing.

END OF REPORT

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