



## Product Recommendation CSR-190709

Issue Date:	9 July 2019
Specification	Waterproofing Systems for Direct Bonding to CSR Constructafloor
Issued to:	Michael Ryan, CSR Lightweight System

This is a general specification for waterproofing and tiling in external wet areas on CSR Constructafloor.

All workmanship must be carried out as per the product printed directions, Technical Data Sheets, relevant Australian Standards and any applicable building codes.

Bostik has tested a number of its waterproofing systems over the CSR Constructafloor samples supplied by CSR. Adhesion tests were based on a modification of AS ISO 13007.2-2013 "Ceramic Tiles – Grouts and adhesives – Test methods for adhesives (ISO 13007-2:2005, MOD)". The results of these testing enable Bostik to make the following system recommendations:

### Waterproofing

#### **System 1. – Dampfix Gold**

1. Primer: two coats of Bostik Moisture Seal.

Note: 1 coat of Bostik Multiprime may be used as an alternative, provided the moisture content of the board is below 5.5%, or 75% relative humidity.

2. Membrane: two coats of Bostik Dampfix Gold.

Direct sticking tiles to cured Dampfix Gold is permitted. Any Bostik cement based adhesive with a C2S1 classification or better may be used.

#### **System 2. – Dampfix PU**

1. Primer: two coats of Bostik Moisture Seal.
2. Membrane: two coats of Bostik Dampfix PU.

Direct sticking tiles to Dampfix PU is only permitted when first treated with Bostik Specialist Primer followed by Bostik Asaflex tile adhesive.

#### **System 3. – Dampfix Immersed**

1. Primer: two coats of Bostik Moisture Seal.

Note: 1 coat of Bostik Multiprime may be used as an alternative, provided the moisture content of the board is below 5.5%, or 75% relative humidity.

2. Membrane: two coats of Bostik Dampfix 3.

Direct sticking tiles to cured Dampfix Immersed is permitted. Any Bostik cement based adhesive with a C2S1 classification or better may be used.

#### Bostik Australia Pty Ltd

Bostik Australia Pty Ltd

A.B.N. 79 003 893 838

Level 1, 6 English Street, Essendon Fields, Victoria, Australia, 3041

Tel: +61 3 9351 5090 Fax: +61 3 9351 5294

[www.bostik.com.au](http://www.bostik.com.au)

an Arkema company

[www.bostik.com.au](http://www.bostik.com.au)



#### **System 4. – Dampfix Rapid**

1. Primer: two coats of Bostik Moisture Seal.

Note: 1 coat of Bostik Multiprime may be used as an alternative, provided the moisture content of the board is below 5.5%, or 75% relative humidity.

2. Membrane: two coats of Bostik Dampfix Rapid.

Direct sticking tiles to cured Dampfix Rapid is permitted. Any Bostik cement based adhesive with a C2S1 classification or better may be used.

#### **System 5. – ASA Trade**

1. Primer: two coats of Bostik Moisture Seal.

Note: 1 coat of Bostik Multiprime may be used as an alternative, provided the moisture content of the board is below 5.5%, or 75% relative humidity.

2. Membrane: two coats of Bostik ASA Trade.

Direct sticking tiles to cured ASA Trade is permitted. Any Bostik cement based adhesive with a C2S1 classification or better may be used.

Note: Any wet substrate should be allowed to dry out prior to applying membrane systems.

All systems are suitable for external and internal applications and comply with AS4858:2004 “Wet area membranes” and AS4654.1-2009 “Waterproofing membrane systems for exterior use – Above ground level”.

Note: Dampfix PU, Dampfix Gold, Dampfix Rapid, and ASA Trade must be covered.

#### **Bostik Australia Pty Ltd**

A.B.N. 79 003 893 838

Level 1, 6 English Street, Essendon Fields, Victoria, Australia, 3041

Tel: +61 3 9351 5090 Fax: +61 3 9351 5294

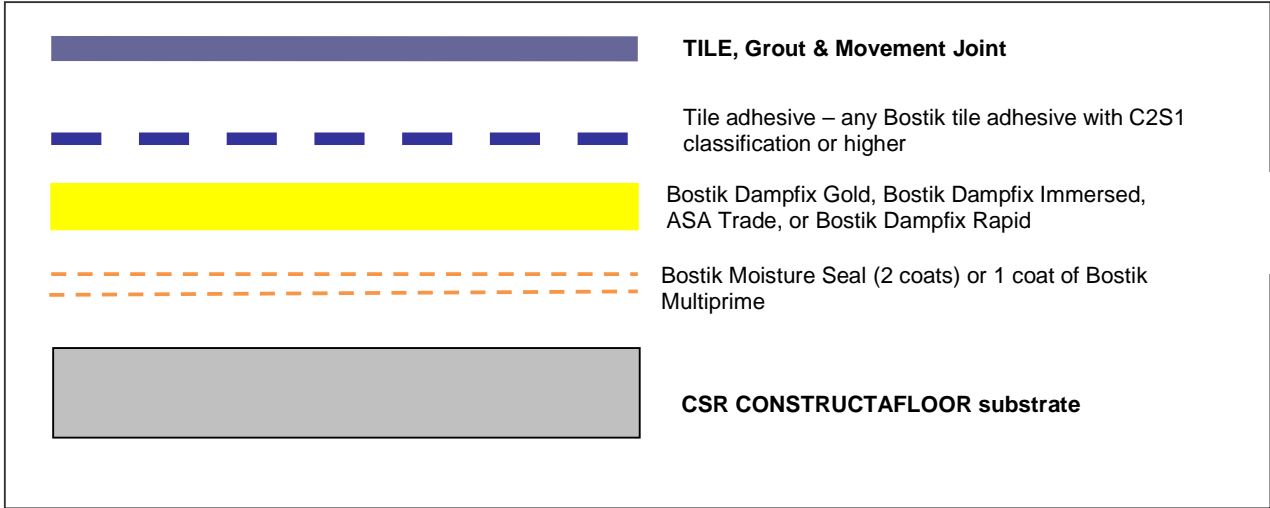
[www.bostik.com.au](http://www.bostik.com.au)

an Arkema company

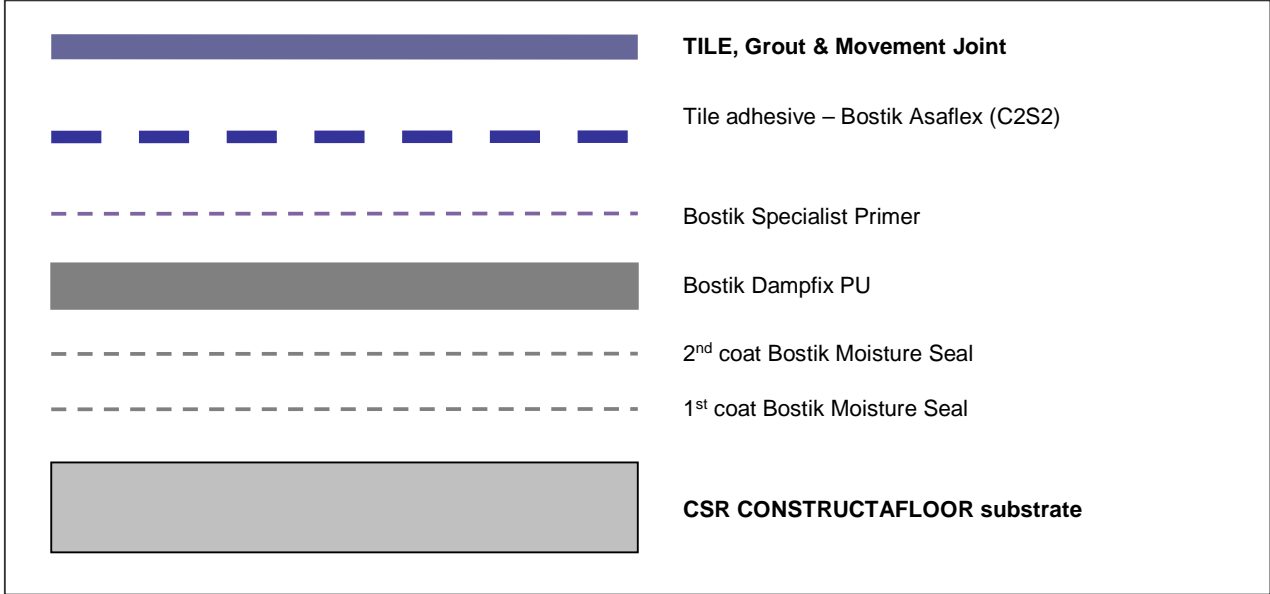
[www.bostik.com.au](http://www.bostik.com.au)



**Variation 1 – Waterproofing using Dampfix Gold, Dampfix Rapid, Dampfix Immersed, ASA Trade**



**Variation 2 – Waterproofing using Dampfix PU**



**Bostik Australia Pty Ltd**  
 A.B.N. 79 003 893 838  
 Level 1, 6 English Street, Essendon Fields, Victoria, Australia, 3041  
 Tel: +61 3 9351 5090 Fax: +61 3 9351 5294  
[www.bostik.com.au](http://www.bostik.com.au)  
 an Arkema company  
[www.bostik.com.au](http://www.bostik.com.au)



**Bostik Australia**



**Mark Boughton**  
Technical Service Chemist



**Anwaar Hanna**  
Senior R&D Chemist

**Bostik Australia Pty Ltd**

A.B.N. 79 003 893 838

Level 1, 6 English Street, Essendon Fields, Victoria, Australia, 3041

Tel: +61 3 9351 5090 Fax: +61 3 9351 5294

[www.bostik.com.au](http://www.bostik.com.au)

an Arkema company

[www.bostik.com.au](http://www.bostik.com.au)

