
SUBSTRATE CHECKLIST

Waterproofing over Plywood Substrates

To be completed for each area in conjunction with Quality Assurance Documentation

PROJECT

Project Name: _____

Site Address: _____

Location on Site: _____

Owner: _____

Builder: _____

Site Supervisor: _____

Architect: _____

ARDEX CONTRACTOR

Contractor Name: _____

Is the contractor an approved ARDEX applicator? Yes No

Installation Supervisor: _____ ARDEX Installer no.: _____

Installation Team: _____

Date Started: ____/____/____

Date Completed: ____/____/____

SUBSTRATE CHECKLIST

	APPLICATOR INITIALS	BUILDER INITIALS
<p>Framing supports in accordance with plywood supplier's recommendation</p> <p>All plywood edges must also be supported</p> <p>Do not use tongue and groove plywood</p> <p>If thicker plywood is to be used, support spacing needs to meet NZBC and NZS3604, or engineer specific design</p>		
How long has the plywood been exposed? _____		
Minimum 17mm F8 CCA H3.2 treated structural plywood (not LOSP treated).		
Minimum CD grade with the sanded C face upwards		
Minimum required falls are met, Correct falls to outlets		
Plywood laid with face grain at right angles to supports		
<p>Plywood is to be laid with staggered joints in a brick bond pattern with a 3mm expansion gap between plywood sheet edges.</p> <p>ARDEX Bond breaker tape to be applied to all plywood sheet joints prior to membrane application</p>		
All outlets and overflows fitted and rebated into the substrate		
<p>Plywood is screwed with 10g x 50mm SS counter sunk screws at 150mm centres on all sheet edges and at 200mm centres through the body of the sheet.</p> <p>All screws to be counter sunk 1-2mm</p>		
Provide 20mm timber fillets (not required for Ultraply TPO or Weldtec Undertile)		
Chamfer all external edges with a minimum radius of 5mm		
<p>Plywood is to be kept dry at all times during construction.</p> <p>Blow drying or torch drying the plywood surface prior to membrane application does not comply.</p> <p>Plywood and framing supports to be at no more than 18% moisture content.</p>		
All drains and outlets are membrane compatible		
Has the installer accepted the condition of the plywood?		

NOTE

- DO NOT blow torch the plywood surface prior to membrane application.
- Failure to comply with substrate specification may affect the product warranty.
- Refer to the SystemARDEX Warranty for further details.
- Correct substrate installation is critical to the durability and performance of the membrane.
- All constructions should comply with the New Zealand Building Code. Contact your local council for further details.
- Communication between the Applicator and Construction Company will assist to ensure this specification is met.
- Information regarding our products, specifications and warranties is available at www.ardex.co.nz
- If you have a query regarding this substrate specification, please call 0800 2 ARDEX

Issues to note or to be raised during installation:

Remedial action required:

Note of damaged areas repaired: (attach photographs)

FINAL SIGN OFF

Applicator

Name: _____

Signed: _____ Date: ____/____/____

Main Contractor

Name: _____

Signed: _____ Date: ____/____/____

Owner

Name: _____

Signed: _____ Date: ____/____/____

FINAL COMMENTS

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable New Zealand and/or Australian Standards. Our instructions and recommendations are only for the uses they are intended. Users are advised to confirm that this product is suitable for their application and conforms with the specifications of the system. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

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