

NCC May 2019 Pliable Building Membrane Updates

CONDENSATION MANAGEMENT UPDATES

UPDATE	EFFECTIVE DATE	JAMES HARDIE'S RECOMMENDATION								
<p>NCC 2019 incorporates a new 'Condensation Management' section:</p> <ul style="list-style-type: none"> Changes to Volume 1 Part F6.2 and Volume 2 Part 3.8.7.2 stipulate that if a wall wrap is installed onto an external wall frame directly behind cladding, in Climate Zones 6, 7 & 8, it must be vapour permeable. This applies to brick veneer and lightweight clad construction. 	<p>Applies to all building permits approved after 1st May 2019.</p>	<p>A minimum Class 3 or 4 sarking must be installed behind James Hardie's external cladding in Climate Zones 2-8. HardieWrap™ achieves this rating and is recommended.</p> <p>If using an alternative sarking in Climate Zones 2-8, or if you are building with James Hardie™ cladding in Climate Zone 1, the product must meet the following specifications:</p>								
<p>AS/NZS 4200.1:2017 establishes new and important vapour control classifications. This means building membrane suppliers must test and classify their product as 1 of 4 Vapour Control Classes:</p> <ul style="list-style-type: none"> Class 1 or 2 products restrict water vapour through the membrane and are deemed vapour barriers. Class 3 and 4 products allow water vapour transfer and are deemed vapour permeable or semi-permeable. 		<table border="1"> <thead> <tr> <th>Climate Zone(s)</th> <th>Water Control Classification</th> <th>Vapour Permeance Classification</th> </tr> </thead> <tbody> <tr> <td>2-8</td> <td>Water Barrier (High)</td> <td>Vapour Permeable (Class 3 or 4)</td> </tr> <tr> <td>1</td> <td>Water Barrier (High)</td> <td>Vapour Barrier (Class 1 or 2)</td> </tr> </tbody> </table>	Climate Zone(s)	Water Control Classification	Vapour Permeance Classification	2-8	Water Barrier (High)	Vapour Permeable (Class 3 or 4)	1	Water Barrier (High)
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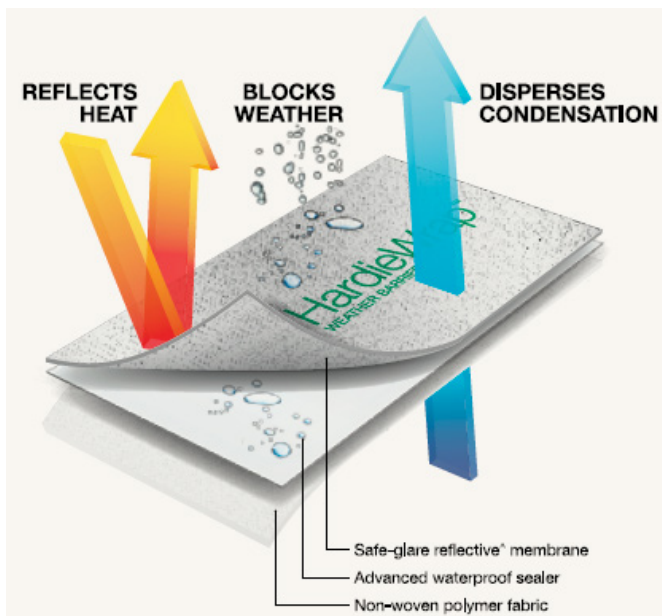
NON-COMBUSTIBLE MATERIALS

UPDATE	EFFECTIVE DATE	JAMES HARDIE'S RECOMMENDATION
<p>NCC 2019 now allows certain sarking type materials to be used where non-combustible construction is required. The sarking material must be less than 1mm thick and have a tested Flammability Index of less than 5 ("Low Flammability" classification).</p>	1st May 2019	<p>HardieWrap™ weather barrier is less than 1mm thick and achieves a Flammability Index of less than 5 deeming it suitable for non-combustible and bushfire construction applications.</p>

James Hardie's Technical Literature has been updated to reflect these recommendations. Visit www.jameshardie.com.au for further information.

Advantage

HARDIEWRAP™ DELIVERS A TRIPLE-SHIELD OF PROTECTION TO HELP AGAINST EXTERNAL WEATHER PENETRATION, INTERNAL CONDENSATION BUILD UP AND EXTERNAL HEAT PENETRATION.



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REDUCING
CONDENSATION BUILD-UP



LIGHTER AND EASIER TO
CUT THAN MANY OTHER
FOIL WALL BARRIERS



IMPROVES THERMAL
PERFORMANCE OF WALLS*



ENGINEERED FOR
AUSTRALIAN CLIMATE
ZONES 2-8



LOW FLAMMABILITY
INDEX – SUITABLE FOR
NON-COMBUSTIBLE AND
BUSHFIRE CONSTRUCTION

