

Airtightness with wood-based boards

	RAPID CELL	UNI TAPE	TESCON No. 1 60 mm	TESCON VANA 60 mm	TESCON VANA 75 mm	TESCON VANA 150 mm	TESCON VANA 200 mm	TESCON CROSSEAL	TESCON INVIS	TESCON PROTECT	TESCON PROFIL	UNI TAPE XL / TESCON VANA patch	CONTEGA PV	CONTEGA SL / CONTEGA IQ	CONTEGA SOLIDO SL / CONTEGA SOLIDO SL-D	EXTOSEAL FINOC	EXTOSEAL MAGOV	TESCON PRIMER RP / TESCON SPRIMER Pretreatment	INSTAABOX	TESCON SANAPATCH	TESCON TANGO	TESCON INCAV	TESCON INVEX	KAFLEX / ROFLEX	ECO COLL	DA-5 / ORCON CLASSIC	STOPPA
Sealing wood-based boards (OSB, plywood, chipboard)																											
Stick board joints	■	■	■	■	■				■																	■	■
Seal/bond to components and fixtures – connections to ...																											
... rendered masonry																										■	■
... unrendered masonry													■													■	■
... ground slabs							■									■		■								■	■
... ground slabs with plywood board walls								■																			
... planed timber components		■	■	■	■				■	■	■					■										■	■
... sawn timber components																									■	■	
... roof windows		■	■	■	■				■	■	■															■	■
... windows/timber-framed wall		■	■	■	■				■	■	■															■	■
... rendered/internally insulated chimneys																									■	■	
... unrendered/internally insulated chimneys ⁽⁴⁾													■												■	■	
... positions with restricted access and/or difficult geometries																				■							
... holes for pipes ⁽²⁾			■	■	■				■								■			■				■	■		
... electric cable ⁽²⁾			■	■	■				■								■		■				■	■			
Sealing injection holes and repairs		■	■	■	■	■	■		■			■				■											
Window / beams in unrendered masonry													■	■	■												
Sealing cables in empty conduits																											■
... interior corners																					■	■					
... exterior corners																						■					

(1)
In specific cases involving complex or demanding structures, for example structural elements, that are sealed with impermeable layers both inside and/or outside, please consult the pro clima technical hotline to discuss the most suitable adhesive tape to use for your application. (Phone: +353 469432104)
The membrane may need to be tested for suitability.

(2)
When sealing power cables with pro clima adhesive tape, ensure that no tension is exerted on the cable, as any tension may cause the tape to come away from the cable. If there is no installation layer, sockets and switches can be made airtight in the airproofing layer by integrating them in the INSTAABOX.

(3)
When sealing penetrations with ROFLEX sleeves, which are intermittently exposed to weathering, make connections to the pro clima DA, SOLITEX or DASATOP membranes using TESCON No.1 or TESCON VANA. Connections to soft wood fibreboards with the specified adhesive tape require pre-treatment with TESCON PRIMER RP or TESCON SPRIMER.

(4)
A lasting airtight bond between pro clima DB+ and smooth walls (e.g. sandstone or brick) or concrete can be achieved by using ECO COLL. Fleece (e.g. INTELLO), PE, PA, aluminium foil or other vapour retarder foils can be attached and made airtight using ORCON F or ORCON CLASSIC. Airproofing of masonry is achieved by rendering.

Further information about the application and construction can be found in the pro clima planning documentation. For queries please call pro clima's technical hotline

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Key:

- recommended
- alternative
- required
- recommended bonding, primers required!
- alternative bonding, primers required!

Exterior wall	ORCON F / CLASSIC ORCON MULTIBOND	TESCON No. 1 60 mm	TESCON VANA 60 mm	TESCON VANA 75 mm	TESCON VANA 150 mm	TESCON VANA 200 mm	TESCON INVIS	TESCON PROTECT	TESCON PROFIL	DUPLEX	EXTOSEAL MAGOV	CONTEGA EXO oder IO	CONTEGA SOLIDO EXO / CONTEGA SOLIDO EXO-D	CONTEGA FIDEN EXO	STOPPA	KAFLEX / ROFLEX	WYFLEXA	TESCON SANAPATCH
SOLITEX exterior wall membranes																		
Seal/bond membrane overlaps	■	■	■	■			■			■								
Window/door connection	■	■	■	■			■	■	■	■		■	■	■				
Ground slab connection	■																	
Holes for pipes ⁽³⁾ / Electric cable ⁽²⁾		■	■	■			■				■					■	■	
Sealing injection holes and repairs		■	■	■	■	■	■											
Sealing cables in empty conduits														■				
Positions with restricted access and/or difficult geometries																	■	■

Step roof	ORCON F / CLASSIC / ORCON MULTIBOND	TESCON No. 1 60 mm	TESCON VANA 60 mm	TESCON VANA 75 mm	TESCON VANA 150 mm	TESCON VANA 200 mm	connect Selfadhesive strips	TESCON INVIS	TESCON PROTECT	TESCON PROFIL	DUPLEX	EXTOSEAL MAGOV	TESCON PRIMER RP / TESCON SPRIMER Pretreatment	KAFLEX / ROFLEX	WYFLEXA	TESCON SANAPATCH	ROFLEX exto	TESCON NAIDECK / NAIDECK mono / NAIDECK mono patch	STOPPA	CLOX	WELDANO-S	WELDANO TURGA	Hot-air welding	WELDANO INVEX	WELDANO INCAV	WELDANO ROFLEX / WELDANO ROFLEX PLUS	
SOLITEX sarking/underlay membranes																											
Seal/bond roof lining membranes one below the other		■	■	■			■ *	■			■																
Seal/bond sarking membranes one below the other	■	■	■	■			■ *	■			■																
Inflow sheets/guttering connection		■	■	■				■	■	■	■																
Roof window connection	■	■	■	■	■	■		■	■	■																	
Connection Chimneys	■		■	■	■								■	■	■												
Holes for pipes ⁽³⁾ / Electric cable ⁽²⁾		■	■	■				■				■		■	■												
Pipe feed-through, e.g. ventilation tile																	■										
Sealing injection holes and repairs		■	■	■	■	■		■										■									
Nail sealing under counterbattens according to ZVDH																		■									
Sealing cables in empty conduits																			■								
Positions with restricted access and/or difficult geometries															■	■											

SOLITEX WELDANO roof lining membrane	ORCON F / CLASSIC / ORCON MULTIBOND	TESCON No. 1 60 mm	TESCON VANA 60 mm	TESCON VANA 75 mm	TESCON VANA 150 mm	TESCON VANA 200 mm	connect Selfadhesive strips	TESCON INVIS	TESCON PROTECT	TESCON PROFIL	DUPLEX	EXTOSEAL MAGOV	TESCON PRIMER RP / TESCON SPRIMER Pretreatment	KAFLEX / ROFLEX	WYFLEXA	TESCON SANAPATCH	ROFLEX exto	TESCON NAIDECK / NAIDECK mono / NAIDECK mono patch	STOPPA	CLOX	WELDANO-S	WELDANO TURGA	Hot-air welding	WELDANO INVEX	WELDANO INCAV	WELDANO ROFLEX / WELDANO ROFLEX PLUS	
SOLITEX WELDANO roof lining membrane																											
Sealing/sticking of roof lining membranes to each other																						■	■				
Sealing/sticking of system shaped components and WELDANO-S to the roof lining membrane																						■	■				
Sticking membrane to the eave flashing											■																
System products for joints with angular components or protruding building components (skylights, chimneys...)																						■			■	■	
Sticking WELDANO-S and WELDANO INVEX to angular components or protruding building components (skylights, chimneys...)	■ ***																						■				
System shaped component for pipe feed-through																											■
Sticking WELDANO ROFLEX to pipes		■	■					■																			
Nail sealing underneath counter battens as per ZVDH																			■								
Inclusion of counter battens as per ZVDH																						■					

* for connect membranes ** For longitudinal membrane joints on load-bearing subsurfaces *** Apply WELDANO TURGA to the contact surface on the membrane

Steep roof

	ORCON F / ORCON CLASSIC	TESCON No. 1 60 mm	TESCON VANA 60 mm	TESCON VANA 75 mm	TESCON VANA 150 mm	TESCON VANA 200 mm	connect Selbstklebezonen	TESCON INVIS	TESCON PROTECT	TESCON PROFIL	DUPLEX	EXTOSEAL MAGOV	TESCON PRIMER RP / TESCON SPRIMER Pretreatment	KAFLEX / ROFLEX	WYFLEXA	ROFLEX exto	TESCON NAIDECK / TESCON NAIDECK mono	STOPPA	CLOX	WELDANO-S	WELDANO TURGA	Hot-air welding	WELDANO INVEX	WELDANO ROFLEX	
Wood fibre underlay panels																									
Seal/bond board joints		■	■	■				■					■												
Seal/bond grooves and ridges					■	■							■												
Roof window connection				■	■	■							■												
Chimneys connection					■								■												
Holes for pipes ⁽³⁾ / Electric cable ⁽²⁾			■	■				■				■	■	■											
Pipe feed-through, e.g. ventilation tile																■									
Sealing injection holes		■	■	■	■	■		■					■							■					
Repairs		■	■	■	■	■		■					■												
Nail sealing under counterbattens																	■								
Cables in empty conduits																		■							
Positions with restricted access and/or difficult geometries															■										
Medium-density wood fibre underlay panels																									
Seal/bond board joints		■	■	■				■																	
Seal/bond grooves and ridges					■	■																			
Roof window connection				■	■	■																			
Chimneys connection					■								■												
Holes for pipes ⁽³⁾ / Electric cable ⁽²⁾		■	■	■				■				■		■	■										
Pipe feed-through, e.g. ventilation tile																■									
Sealing injection holes and repairs		■	■	■	■	■		■																	
Nail sealing under counterbattens																		■							
Sealing cables in empty conduits																			■						
Positions with restricted access and/or difficult geometries															■										

* for connect membranes ** For longitudinal membrane joints on load-bearing subsurfaces *** Apply WELDANO TURGA to the contact surface on the membrane

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Key:

	recommended		alternative		required		recommended bonding, primers required!		alternative bonding, primers required!
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