

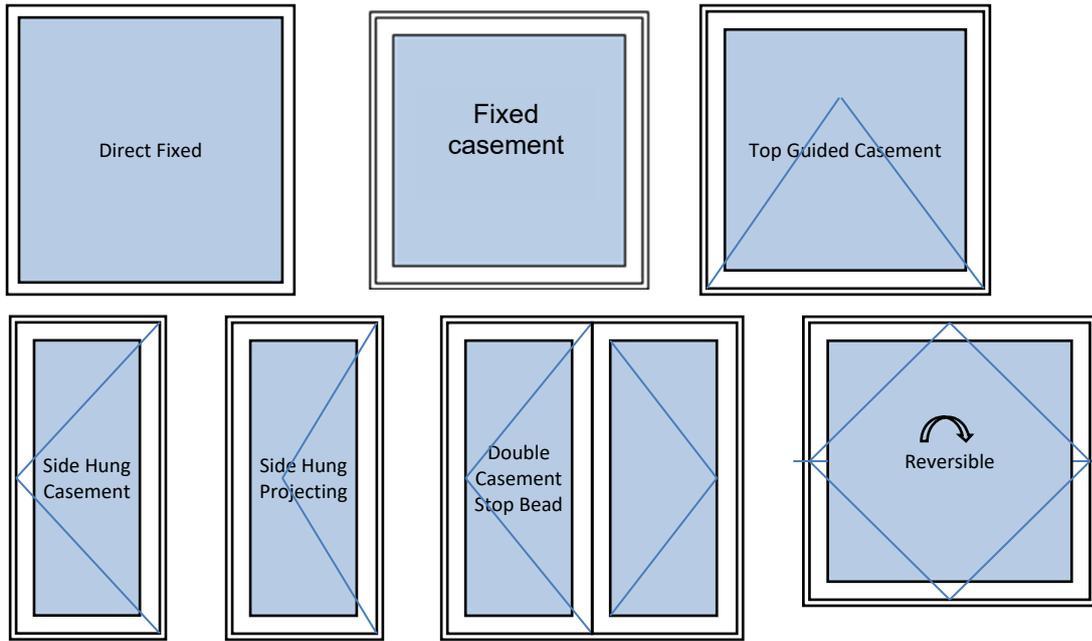
SCOPE OF CERTIFICATION
Timber Window Scheme to BS 644 & PAS 24

Manufacturer of Enhanced Security Timber Windows in accordance with the BM TRADA Q-Mark Scheme requirements.
 (Check with Secured by Design to ensure compliance with any additional requirements e.g. glass type if required).

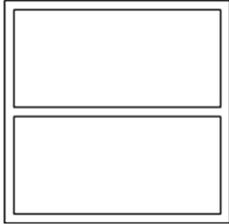
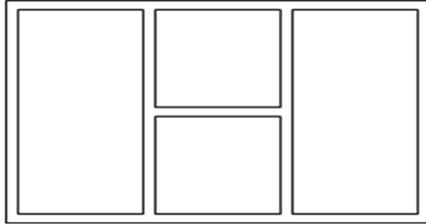
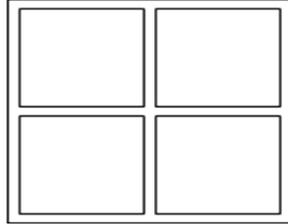
Head office Rationel A/S Dalgas Allé 7 DK 7400 Herning Denmark		Manufacture site Rationel A/S Wedkowy 83-115 Swarozyn Poland		 <p>This scope of certification supports WGPS Certificate 026/059 ESW Certificate 031/054</p> <p>The validity of this scope document should be checked against the current schedule of the Company's certification listed on the Exova BM TRADA website www.exovabmtrada.com.</p>
Completed: P. Wren 		Checked: P. Andrews 		
Scope number: W054-005				
Issue: 4	Date: 19 October 2017	Details: Transition to PAS24:2016		
Product Name: <p align="center">Forma Outward Opening, Timber Casement Window Range</p> <p align="center">Forma Plus Outward Opening, Timber Casement Window Range with aluminium cladding</p>				This document remains the intellectual property of Exova BM TRADA. It shall not be made available to another person or company without the prior written permission of Exova BM TRADA.
Window Classification 'W'				

Design options

Designs shown below are diagrammatical only. Refer to minimum / maximum sizes below for clarification.



Transom and mullion joints Type A, B, C, are allowed within window outer frames for this scope.

<p>Type A Transoms or mullions connected only to the outer frame/ casement</p> 	<p>Type B Transoms or mullions connecting to another transom or mullion as a 'T' joint.</p> 	<p>Type C Transoms or mullions connecting to another transom or mullion as a 'Cruciform' joint.</p> 
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Weather rating

BS6375 part 1 Exposure category **1600** (on largest specimen)

Maximum casement size

Top guided (not including frame)	1737mm wide x 1507mm high
Side hung (not including frame) may include an angled head rail	885mm wide x 2340mm high
Side hung projecting 85° and 160° function (not including frame)	938mm wide x 1536mm high
Reversible (not including frame)	1737mm wide x 1533mm high
Double casement stop bead (each leaf not including frame)	872mm wide x 1735mm high
Fixed casement (not including frame) may include an angled head rail	2340mm wide x 2340mm wide
Fixed light (not including frame) may include an angled head rail	2400mm wide x 2400mm high