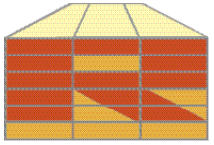
CHARLES RANSFORD & SON
TIMBER SPECIALISTS SINCE 1876

GREAT BRITISH TIMBER

Declaration of performance

1 Manufacturer	Charles Ransford & Son Ltd, Station Street, Bishop's Castle, Shropshire SY9 5AQ	
2 Company Representative	Craig Leitch, Company Director	
3 Product	Road Traffic Noise Reducing Device - acoustic element according to	BS EN 14388 2005
4 Product Description	As described in Annex 1	Noisewall® Single sided reflective Noisewall® Double sided reflective Noisevac® absorptive
5 Intended use	Road Traffic Noise Reducing Devices - acoustic panel element only To reduce noise along highway, traffic and rail corridors	
6 Applications	The named systems are approved for use in the following environments	Highways, Railways, Industrial, Residential, School, Sport Venues
7 Conformity System	Assessment and Verification of Constancy of Performance as defined in BS EN 14388 Annex ZA	System 3
8 Notified Body and Standards	Name and Identification number of Notified Body	BSI: 0086 University of Salford: 1262
9 Declared performance	The performance of the products described at Points 3 & 4 above are in conformance with the declared performance identified under Point 8 and	Refer ro Annex 1
10 Authorisation	**Signed on behalf of the manufacturer by**  **Craig Leitch, Director**	

Annex 1



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Product Type	Road Traffic Noise Reducing Device - Acoustic Element			Harmonised Technical Specification and notified body
Product	**Noisewall® Single sided reflective**	**Noisewall® Double sided reflective**	**Noisevac® absorptive**	
Dry weight	0.255 kN/m^2	0.500 kN/m^2	0.268 kN/m^2	BS EN 14388 2005 BSI, Hertfordshire, No. 0086 University of Salford No.1262
Reduced wet weight	0.280 kN/m^2	0.696k N/m^2	0.724 kN/m^2	
Superficial Mass	11.66 kg/m^2	23.32 kg/m^2	11.66 kg/m^2	
Vertical load	With the factored self weight and factored wind loadings no failure of the panels was observed	With the factored self weight and factored wind loadings no failure of the panels was observed	With the factored self weight and factored wind loadings no failure of the panels was observed	
Dynamic forces from snow clearance	10.89 kN over 2mx2m	15.00 kN over 2mx2m	15.88 kN over 2mx2m	
Wind load and static load	TBA	TBA	TBA	
Airborne sound insualtionDL$_R$	29dB (category B3)	33dB (category B3)	37dB (category B3/A4)	
Design calculations supplied by CUSTOMER				
Sound absorption	-	-	12 DLα (category A4)	
Resistance to Brush Fire	Class 3	Class 3	Reflective face Class 3 Absorptive face Class 1	
Expected durability (non-acoustic properties – service life, panel component only)	30 years	30 years	30 years	BS EN 14388 2005
Impact of Stones	No penetration of impactor	No penetration of impactor	No penetration of impactor	BS EN 14388 2005 BSI, Hertfordshire, No. 0086 University of Salford No.1262