



Notified Body 1292
Hammerglass AB
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Product :Hammerglass A500
Function: Noise screen absorbents

Requirements EN 14388:2016	Declared values
Acoustic requirements	
Sound absorption <i>EN 1793-1:2012</i>	20db
Sound insulation <i>EN 1793-2:2012</i>	28db
Mechanical requirements	
Self-weight of a noise reducing element <i>EN 1794-1 B.2</i>	
1) Wet	0,76kN/m ²
2) Reduced wet	0.43kN/m ²
3) Dry	0,24kN/m ²
Maximum load (90°) an acoustic panel can withstand (due to wind) <i>EN 1794-1:2011 A</i>	2.8kN/m ²
Maximum vertical load an acoustic panel can withstand <i>EN 1794-1:2011 B.3.2</i>	4.79kN/m
Maximum load (90°) an acoustic panel can withstand (due to snow clearance) <i>EN 1794-1:2011 E</i>	22,5kN (2mx2m)
Risk of falling debris <i>EN 1794-2:2011 B</i>	
Impact 0,5 KJ	Class 3
Impact 0,6 KJ	Class 4
Resistance to brush fire <i>EN 1794-2:2011 A</i>	Class 3
Light reflectivity <i>EN 1794-2:2011 E</i>	Class 2
Release of dangerous substances <i>EN 1793-2:2012 C</i>	Refer to environmental protection report
Impact of stones <i>EN1794-2:2011 C</i>	Satisfactory
Durability <i>EN14389-1 & EN14389-2</i>	
Acoustic performance (Service Life) EN14389	>40years based on Magnelis galvanised steel cassette and Magnelis galvanised perforated aluminium front panel

