

PRESTANDEDEKLARATION		
Nr: 1501-EN		
1. Unique identification code of the product type	AQVIS Miljöspont Standard	
2. Intended use	Road traffic noise reduction device, not for use in circulation areas	
3. Manufacturer	AQVIS Miljö AB Odalvägen 5 SE - 599 31 Ödeshög SWEDEN	
4. Authorised representative	(not applicable)	
5. System of AVCP	4	
6. Harmonised standard	SS-EN 14388:2005	
7. Declared performance		
The resistance to loads related performance are valid for a noise barrier, 2 meters high, supported every 450 mm by steel tubes (330 mm close to the edges). The steel tubes are fixed 1 meter deep in 4-8 mm sorted macadam in corrugated ground tubes (140/160). The dimensions of the steel tubes are 40x40x4 mm. The steel tubes are galvanized S 355 steel fulfilling SS-EN 1461:2009.		
Essential characteristics	Performance	Test method
Sound absorption	$DL_{\alpha} = 2$ dB	EN 1793-1:1997
Sound insulation	$DL_R = 25$ dB	EN 1793-2:1997
Self weight	400 N/m	EN 1794-1:2003
Normal (90°) load the barrier can withstand (due to wind, static external and self weight)	0.46 kN/m	EN 1794-1:2003
Bending moment at ground level the barrier can withstand (due to snow clearance)	3.84 kNm	EN 1794-1:2003
Normal (90°) load the barrier can withstand (due to snow clearance)	10 kN/2x2 meter	EN 1794-1:2003
Risk of falling debris	Class 4	EN 1794-2:2003
Light reflectivity	Class 3	EN 1794-2:2003
Dangerous substances	None	
Durability	50 years, no degradation of acoustical properties.	EN 14389-2:2004