



PWS SIGNS Ltd; Unit 10 Northlink Business Park, Coes Rd. Dundalk, Co. Louth A91 WV09
 PWS Ireland Ltd; Greenbank Ind. Estate, Newry, Co. Down BT34 2PB
 Tel: Rol - 042 937 5010 NI - 028 302 64511
 Cert number : 1029-CPR-GB13/88956 **ZA6**

EN 12899-1:2007
 Complete retroflective fixed vertical road traffic sign assembly with external illumination

Resistance to horizontal loads –
 Fixings – Pass
 Wind action – WL5
 Temporary deflection bending (sign plate) – TDB5
 Temporary deflection bending (supports) – TDB6
 Temporary deflection torsion (supports) - TDT4
 Dynamic snow load – DSL1, applied over 2 m²
 Points loads – PL2
 Permanent deflection – Pass
 Partial action factor – PAF1

Performance under vehicle impact (passively safe)
 - 100, NE.3

Visibility characteristics
 Daylight chromaticity & luminance factor – CR1 CR2
 Coefficient of retroreflection – RA1 RA2 RA3B
 Mean illuminance ± E3
 Uniformity of illuminance ± UE2

Durability
 Impact resistance of sign face material – pass
 Resistance to weathering (three year accelerated natural weathering test) – Pass
 Resistance to corrosion of sign plate – Aluminium; SP1
 Resistance to corrosion of supports – Steel; hot dip galvanized; SP1
 Resistance to penetration of dust and water – IP56

Declaration of Performance: CE001



PWS SIGNS Ltd; Unit 10 Northlink Business Park, Coes Rd. Dundalk, Co. Louth A91 WV09
 PWS Ireland Ltd; Greenbank Ind. Estate, Newry, Co. Down BT34 2PB
 Tel: Rol - 042 937 5010 NI - 028 302 64511
 Cert number : 1029-CPR-GB13/88956 **ZA5**

EN 12899-1:2007
 Retroflective sign plates with external illumination for fixed vertical road traffic signs

Resistance to horizontal loads –
 Fixings – Pass
 Wind action – WL5
 Temporary deflection bending – TDB5
 Dynamic snow load – DSL1
 Points loads – PL2
 Permanent deflection – Pass
 Partial action factor – PAF1

Visibility characteristics
 Daylight chromaticity & luminance factor – CR1 CR2
 Coefficient of retroreflection – RA1 RA2 RA3B
 Mean illuminance – E3
 Uniformity of illuminance – UE2

Durability
 Impact resistance of sign face material – pass
 Resistance to weathering (three year accelerated natural weathering test) - Pass
 Resistance to corrosion – Aluminium; SP1
 Resistance to penetration of dust and water – IP56

Declaration of Performance: CE001



PWS SIGNS Ltd; Unit 10 Northlink Business Park, Coes Rd. Dundalk, Co. Louth A91 WV09
 PWS Ireland Ltd; Greenbank Ind. Estate, Newry, Co. Down BT34 2PB
 Tel: Rol - 042 937 5010 NI - 028 302 64511
 Cert number : 1029-CPR-GB13/88956 **ZA4**

EN 12899-1:2007
 Supports supplied for use with fixed vertical road traffic signs
 Grade – S235 S275 S355

Other:

Diameter:

Thickness:

Length:

Declaration of Performance: CE001