



0120

15 William Smith Group 1832 Ltd
Grove Works
Barnard Castle
Co Durham
DL12 8JG

GB11/84029

EN 12899-1:2007

Retroreflective sign plates for fixed vertical road traffic signs

Resistance to horizontal loads -

Fixings - Pass
Wind action - > Minimum WL6
Temporary deflection bending - TDB5
Dynamic snow load - DSL1
Point loads - PL3
Permanent deflection - Pass
Partial action factor - PAF1

Visibility characteristics

Daylight chromaticity & luminance factor - CR1
Coefficient of retroreflection - RA1
Non standard retroreflective colours & full colour retroreflective images - NPD

Durability

Impact resistance of sign face material - pass

Resistance to weathering (natural accelerated weathering test) - Pass for glass beaded material EG

Resistance to weathering (natural accelerated weathering test) - Pass for AEGP Prismatic

Resistance to corrosion - Aluminium
Colorcoat Steel
Composite Aluminium } SP1



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Resistance to horizontal loads -

Fixings - Pass
Wind action - > Minimum WL6
Temporary deflection bending - TDB5
Dynamic snow load - DSL1
Point loads - PL3
Permanent deflection - Pass
Partial action factor - PAF1

Visibility characteristics

Daylight chromaticity & luminance factor - CR2
Coefficient of retroreflection - RA2/R2
Non standard retroreflective colours & full colour retroreflective images - NPD

Durability

Impact resistance of sign face material - pass

Resistance to weathering (natural accelerated weathering test) - Pass

Resistance to corrosion - Aluminium
Colorcoat Steel
Composite Aluminium } SP1



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Resistance to horizontal loads -

Fixings - Pass
Wind action - > Minimum WL6
Temporary deflection bending - TDB5
Dynamic snow load - DSL1
Point loads - PL3
Permanent deflection - Pass
Partial action factor - PAF1

Visibility characteristics

Daylight chromaticity & luminance factor - CR3B
Coefficient of retroreflection - R3B - UK
Non standard retroreflective colours & full colour retroreflective images - NPD

Durability

Impact resistance of sign face material - pass

Resistance to weathering (natural accelerated weathering test) - Pass

Resistance to corrosion - Aluminium
Colorcoat Steel
Composite Aluminium } SP1

Certificate of Conformity

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Retroreflective sign faces

Visibility characteristics

Daylight chromaticity & luminance factor - CR1
Coefficient of retroreflection - RA1
Non standard retroreflective colours & full colour retroreflective images - NPD

Durability

Impact resistance of sign face material - pass

Resistance to weathering (natural accelerated weathering test) - Pass for glass beaded material EG

Resistance to weathering (natural accelerated weathering test) - Pass for AEGP Prismatic

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Retroreflective sign faces

Visibility characteristics

Daylight chromaticity & luminance factor - CR2
Coefficient of retroreflection - RA2/R2
Non standard retroreflective colours & full colour retroreflective images - NPD

Durability

Impact resistance of sign face material - pass

Resistance to weathering (natural accelerated weathering test) - Pass

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Retroreflective sign faces

Visibility characteristics

Daylight chromaticity & luminance factor - CR3
Coefficient of retroreflection - R3B - UK
Non standard retroreflective colours & full colour retroreflective images - NPD

Durability

Impact resistance of sign face material - pass

Resistance to weathering (natural accelerated weathering test) - Pass