

sign detail 1:2

Post & Backing Board Material GOVAPLAST or equal (Polyolefin Combination, UV Manufacturers Shop Drawing to be Stabilised) meeting the following minimum material properties requirements:

DUAL LANGUAGE SIGN

Colour: Black Density 0.8 g/dm3 0.8740 Tensile test to ISO527 Modulus in MPa 147.40 Strength at break in N 2058.90 Stretch at break in % 27.72 Maximum Tensile strength in N 2118.30 Stretch at maximum tensile strength in % 25.8 Tensile stress at break in N/mm2 14.15 Flexural Mode according to ISO 178 Liquid Absorption according to ISO 62 in % 0.29 Density according to ISO 1183-1 in kg/dm3 0.8740 Linear expansion coefficient in mm/m/°C 0.0716 Flammability according to DIN 4102 part 1 class B2 Ignition temperature =/-350°C

approved by Fermanagh Omagh District Council.

Special requirements: Allow for expansion/contraction of boards due to temperature fluctuations per manufacturers recommendations.

80x80mm posts x 1500mm high chamfered top to allow rainwater run off UV resistant plastic

Q50-10 SIGN CONSTRUCTION:

The Sign Plate is to be overall 200x30mm thick polycarbonate faced sign with plastic backing boards, aluminium top & bottom trims fitted to posts by motice and tennant joint and bolts installed.

The sign plate is to 3mm thick mirror finish polycarbonate with vinyl letters with 7 year minimum fade lifespan.

Road Sign to be to BS EN 12899-1:2007 Retroreflectivity Class to RA1 (min) Sign to be CE marked Sign to comply with NI Highway Standards.

English Language Sign Plate
The Sign Plate is to have a white background. Black Letters (Road Name) to be 75mm high. Green Letters (Townland Name) to be 50mm high.

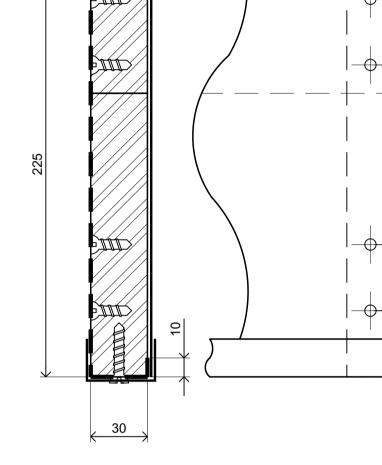
<u>Irish Language Sign Plate</u> The Sign Plate is to have a white background. Black Letters (Road Name) to be 75mm high.

The capping channel is riveted onto the plank using tamper proof corrosion resistant A4 stainless steel rivets or screws.

All fixings to be A4 (316) stainless steel to BS EN ISO 3506. All fixings to be tamper proof.

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strap detail 1:2

DUAL LANGUAGE SIGN FIXINGS BRACKETS

25mm x 2mm 410 grade stainless steel strap with 4 no 3.5mm diameter holes for stainless steel screw fixings

Screws to be 410 stainless steel wafer head self tapping screws size # 8







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