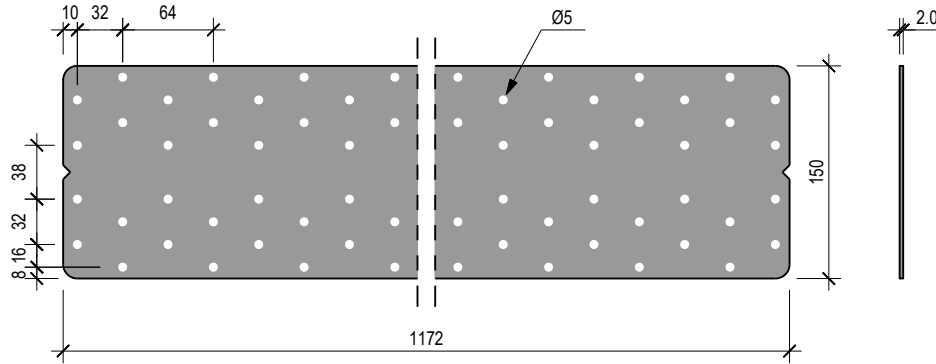
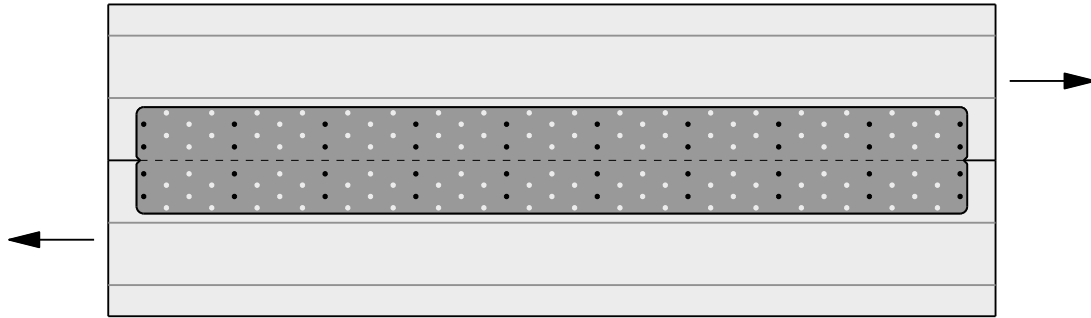


CLT Butt Joint – Hot-Dip Galvanized Steel Spline

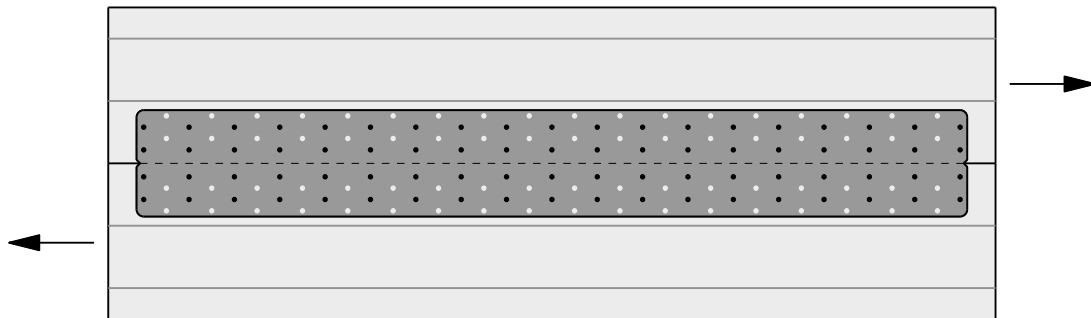
Geometry



Factored Shear Resistance: 20 kN/m | 40 Nails Ø4x60 mm



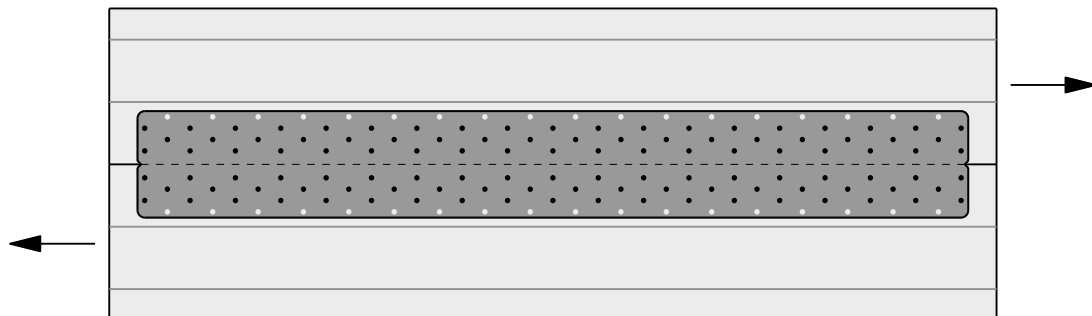
Factored Shear Resistance: 40 kN/m | 76 Nails Ø4x60 mm



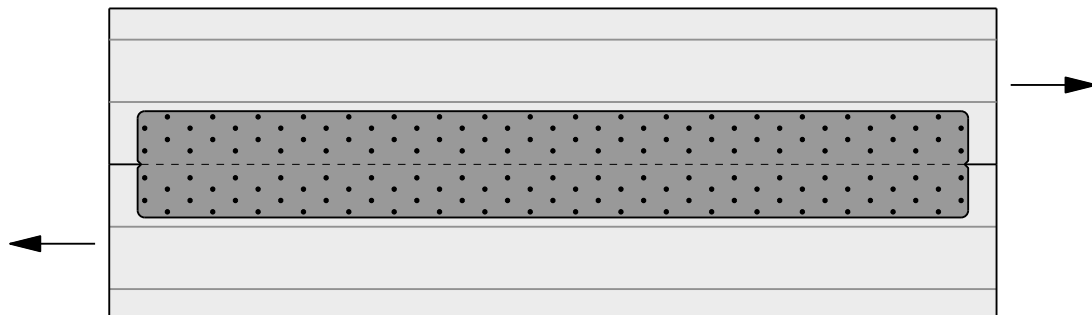
Notes:

1. Factored shear resistances are based on Nordic X-Lam cross-laminated timber panels and splines fabricated from S350GD + Z275 hot-dip galvanized steel (EN 10346).
2. The factored lateral strength resistance of the nailed connection is verified in accordance with CSA O86:19, for dry service conditions and short-term duration of load. The steel spline is verified in accordance with CSA S16:19.
3. Verification of the cross-laminated timber panels must be carried out separately.

Factored Shear Resistance: 60 kN/m | 112 Nails (Ø4x60 mm)



Factored Shear Resistance: 80 kN/m | 148 Nails (Ø4x60 mm)



Notes:

1. Factored shear resistances are based on Nordic X-Lam cross-laminated timber panels and splines fabricated from S350GD + Z275 hot-dip galvanized steel (EN 10346).
2. The factored lateral strength resistance of the nailed connection is verified in accordance with CSA O86:19, for dry service conditions and short-term duration of load. The steel spline is verified in accordance with CSA S16:19.
3. Verification of the cross-laminated timber panels must be carried out separately.