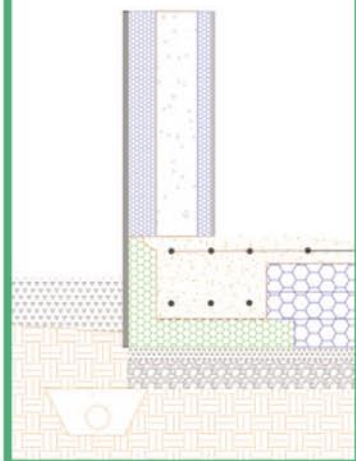


Floor / Wall Junction for Rendered ICF Wall



EcoRaft

MAIN SYSTEM BENEFITS:

- Up to 30% cost saving compared to a traditional foundation.
- Solution to achieving code levels 5 & 6 in the Code for Sustainable Homes.
- Ideal for passive housing market.
- Fast installation times. 3-4 days from hardcore to pour.

THERMAL PERFORMANCE:

Outstanding thermal performance with U Values < 0.10 W/m²-K

LIFETIME PERFORMANCE: Expanded polystyrene will perform to 100% of it's original capability beyond the lifetime of the building

VERSATILITY: Ideal for commercial and residential buildings in timber, masonry, ICF and steel constructions

ROBUST CONSTRUCTION: Solves the problem of linear thermal bridging. PSI values < 0.01 W/m-K can be achieved

AID TO SITE SAFETY: No deep trenches required reducing health and safety risks, plus time spent shuttering

ZERO ODP

LOW GWP

ECORAFT EXPANDED POLYSTYRENE GRADE EPS100

THERMAL CONDUCTIVITY	EN12667	0.035 W/m-K
COMPRESSIVE STRESS & 10% DEFORMATION	EN826	100 kPa
COMPRESSIVE STRESS & 1% DEFORMATION	EN826	45 kPa
BENDING STRENGTH	EN12089	150 kPa
WATER VAPOR DIFFUSION FACTOR μ	EN12086	30-70

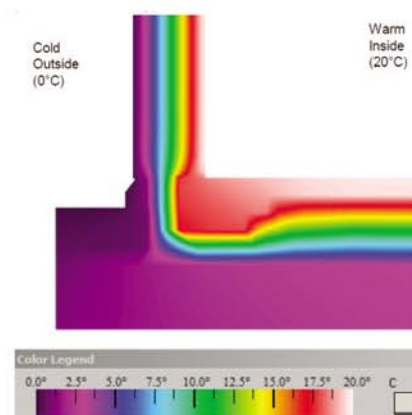
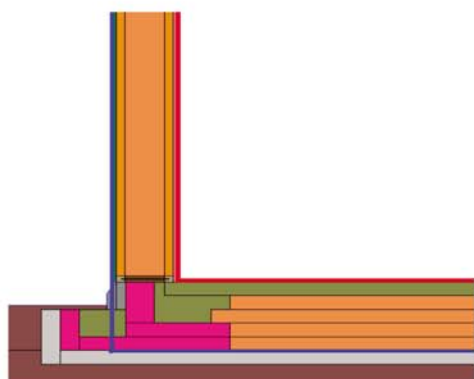
ECORAFT EXPANDED POLYSTYRENE GRADE EPS200

THERMAL CONDUCTIVITY	EN12667	0.033 W/m-K
COMPRESSIVE STRESS & 10% DEFORMATION	EN826	200 kPa
COMPRESSIVE STRESS & 1% DEFORMATION	EN826	100 kPa
BENDING STRENGTH	EN12089	250 kPa
WATER VAPOR DIFFUSION FACTOR μ	EN12086	40-100

ECORAFT EXPANDED POLYSTYRENE GRADE EPS300

THERMAL CONDUCTIVITY	EN12667	0.032 W/m-K
COMPRESSIVE STRESS & 10% DEFORMATION	EN826	300 kPa
COMPRESSIVE STRESS & 1% DEFORMATION	EN826	120 kPa
BENDING STRENGTH	EN12089	450 kPa
WATER VAPOR DIFFUSION FACTOR μ	EN12086	40-100

ECORRAFT PASSIVE HOUSE SOLUTION - EXTERNAL FLOR /WALL SECTION



ECORRAFT ALTERNATIVE PASSIVE HOUSE SOLUTION - FLOOR/WALL SECTION

