

# R-TECH<sup>®</sup> FF

## FANFOLD PROTECTION BOARD

### Description

R-Tech Fanfold Protection Board (FPB) is a high-performance, rigid insulation consisting of a superior closed-cell, lightweight and resilient expanded polystyrene (EPS) with advanced polymeric laminate facers on both sides. The core of R-Tech is the same high-quality as our InsulGrade brand insulations and meets or exceeds the requirements of ASTM C578, Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation. In addition, R-Tech has excellent dimensional stability, compressive strength and water-resistant properties.

### Uses

R-Tech FPB is ideal for use over foundation waterproofing and damp proofing applications. R-Tech FPB helps protect the waterproofing membrane from damage during backfill.

### Advantages

- **Labor Savings.** R-Tech FPB comes in 200 ft<sup>2</sup> bundles and is lightweight enough for the average installer to carry 2 bundles at one time.
- **Jobsite Durability.** With a polymeric facer on either side of the R-Tech FPB, it is an extremely flexible and durable protection board.
- **Water-Resistant.** R-Tech FPB facers provide a surface that is virtually impervious to moisture.
- **Environmentally Friendly.** R-Tech FPB contains no dyes, formaldehyde or ozone-depleting HCFCs, may contain recycled material and the foam core is 100% recyclable.
- **Stable R-Value.** R-Tech FPB has no thermal drift. Designers are well served knowing the R-Tech FPB thermal properties will remain stable over its entire service life. R-Tech is eligible for an Insulfoam 20-Year Thermal Performance Warranty – a warranty that's not prorated or limited to a percentage of the published R-Value.
- **Insect and Mold Resistant.** R-Tech FPB can be manufactured with an inert additive that repels termites and carpenter ants. R-Tech FPB does not sustain mold and mildew growth.
- **Code Approvals.** R-Tech FPB meets IBC/IRC requirements for foam plastic insulation; see ICC-ES ESR-1788.



### Sizes

R-Tech FPB is packaged accordion-style and available in two-square bundles. R-Tech is available in nominal 3/8", 1/4", 1/2" and 3/4" thicknesses with the 4' x 50' fanfold bundle (2 squares). Individual panel sizes within the fanfold bundle are 2' x 4'. R-Tech is also available in 4' x 8' and 4' x 9'.

### Typical Below Grade Application

