

# Insulated Structural Sheathing



## Save time. Save money. Improve performance.

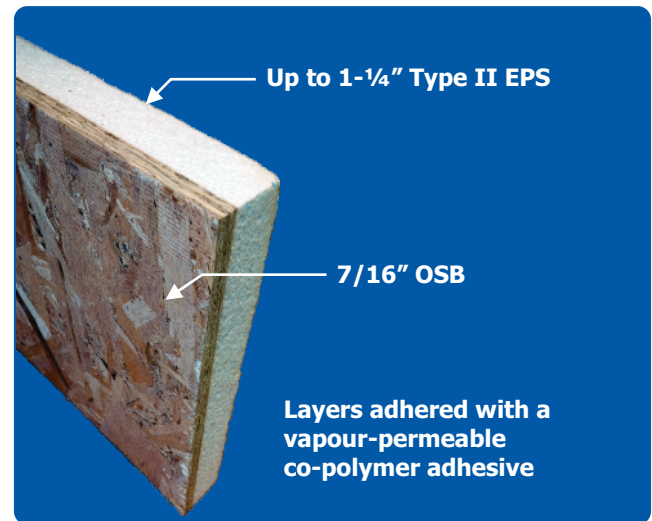
**Insulated Structural Sheathing (ISS) from KOTT combines the strength of structural sheathing with the thermal performance of rigid insulation - in one easy-to-install product.**

ISS is a structural sheathing product with a layer of Expanded Polystyrene (EPS) foam on the inside. The entire assembly is adhered through a pressing process, giving you racking strength and thermal performance in a single product.

## Single-step installation saves time and money

ISS saves labour hours and labour costs by enabling structural sheathing and rigid insulation to be installed in one step.

- » Framing exterior walls with ISS takes the same amount of time and uses the same processes and standard framing nails your framers currently use.
- » The structural component of ISS, the OSB layer, eliminates the need for extra framing steps that are normally required with insulated sheathing, such as installation of let-in bracing and installation of a nail base for exterior cladding.
- » The combination of Type II EPS foam and OSB gives ISS a thermal resistance value of up to R-5.6.
- » Installed as a continuous layer, ISS boosts the overall performance of the wall by reducing thermal bridging through the studs.
- » With its built-in structure, ISS provides greater racking resistance than the combination of insulated sheathing and let-in bracing.



## ISS Product Specifications

### Dimensions

- » R-4: 1-5/16" thick X 4' wide X 8' high
- » R-5.6: 1-11/16" thick X 4' wide X 8' high

### Composition

- » 7/16" Oriented Strand Board (OSB)
- » Vapour-permeable co-polymer adhesive
- » Up to 1-1/4" Type II Expanded Polystyrene (EPS) foam

### Fastening

- » 3-1/4" or 3-1/2" framing nails
- » Fasten 6" o.c. along edges and 12" o.c. in the field, on wood-framed walls framed at 16" o.c.
- » Assumes drywall fastened at minimum 12" o.c.



ISS from KOTT is available in precision-built 4'x8' sheets, and in thicknesses that deliver R-4 or R-5.6 thermal resistance values.

ISS can also be the sheathing used in a factory-built wall panel system designed specifically for your project.

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