

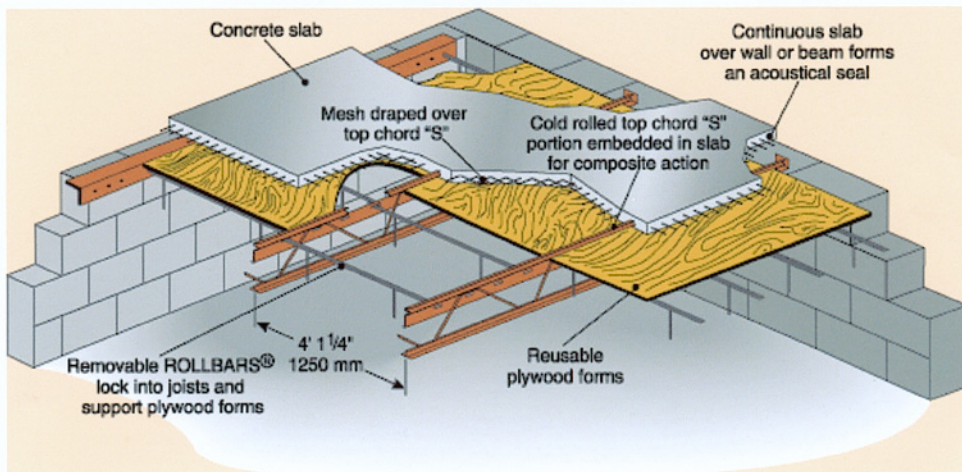
# About the Hambro® Floor System

The main floor of the Teixeira EnviroHome features the Canam Hambro® floor system, which combines specially designed steel joists with a re-enforced concrete slab.

In addition to providing an excellent heat sink for the home's in-floor radiant heating system, the Hambro® system offers a number of other advantages over conventional timber joists or engineered wood products such as wood-I joists. Hambro joists are exceptionally strong, allowing longer unsupported spans and reducing the need for vertical support posts in the basement. The system also provides increased fire protection and virtually eliminates sound transmission between floors.



The Hambro® system is highly material efficient, reducing construction waste. During construction, plywood sheets are locked into place with roll-bars to support the concrete slab as it is poured. After curing, the roll-bars are removed, releasing the plywood, which is then recycled as roof sheathing.



A Home  
with a  
Difference

