Advantages of WEBshield® FRI Assemblies compared to Fire Sprinklers:
- Much more economical
- No need for extra inspections and maintenance
- Ease of serviceability for warranty and/or future development
- Sprinklers can be blocked and if not corrected, then fire performance integrity is lost

**Compare Your Options**

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>PinkWood PKI joists with WEBshield</th>
<th>Sprinkler Residential PEX Pipe w/ Heads in Unfinished Basement</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economical</td>
<td>✓</td>
<td>✗</td>
<td>Comparing costs for materials, labor, delays, etc.</td>
</tr>
<tr>
<td>“Passive System” no homeowner involvement</td>
<td>✓</td>
<td>✗</td>
<td>Monthly, Quarterly and Annual Inspections required for compliance</td>
</tr>
<tr>
<td>No Additional Construction Delays or required “Special Inspections”</td>
<td>✓</td>
<td>✗(^{(2)})</td>
<td>Estimated construction delays of $350 to $500 per day.</td>
</tr>
</tbody>
</table>

1. Meets “equivalency” requirements for per IRC “Fire Performance of Floors”.
2. Extra trade required, post framing inspection plus additional days for system installation - extra inspection required.
Sprinkler heads are needed to cover every 400 sq/ft.

P2904.2.4.2.1 - Pendent sprinklers within 3’ of the center of a ceiling fan, surface-mounted ceiling luminaire or similar object shall be considered to be obstructed, and additional sprinklers shall be installed.

WEBshield® Solution

I-joists and WEBshield® form PinkWood’s patented FRI Series Assembly

FRI Series Assemblies are manufactured utilizing standard I-joists with either a 2”x3” or 2”x4” flange dimension. I-joists combined with WEBshield® offer equivalent fire performance of 2x10 dimensional lumber (1).

WEBshield® Panels installed on 858 lineal feet of joists:
- Only 254 WEBshield panels needed (2)
- No Special Inspection
- No construction delays
Ready to Go

I-joists and WEBshield® form

Sprinkler Solution

PEX Pipe and Sprinkler heads installed in 1,500 sq/ft basement:
- Sprinkler System materials
- Installation Labor and water tie-in services
- Special Inspection and permits
Utility services, annual inspections and taxes

Cost $$$$$

WEBshield® Panels installed on 858 lineal feet of joists:
- Only 254 WEBshield panels needed
- No Special Inspection
- No construction delays
Ready to Go

Save $$$$$

1 Some limitations apply  2 Quantities vary by plan

Sprinkler heads are needed to cover every 400 sq/ft.

P2904.2.4.2.1 - Pendent sprinklers within 3’ of the center of a ceiling fan, surface-mounted ceiling luminaire or similar object shall be considered to be obstructed, and additional sprinklers shall be installed.

FRI Series Assemblies with WEBshield® offers a COST EFFECTIVE solution.