Amdry is a Do-It-Yourself (DIY) all-in-one insulated subfloor system with an integrated moisture barrier designed to be installed over existing concrete slabs.

The combination of the moisture resistant protective High Impact Polystyrene (HIPS) film, and drainage channels, protect the EPS insulation and the OSB from absorbing moisture that could originate from the concrete slab.

Amdry is compatible with virtually any screw down, nail down or floating finish floor.

Amvic Advantage

- Panels are installed quickly and easily locked using the 100% recycled polypropylene flexible connectors.
- The hollow core of the connectors allows for expansion of the entire floor assembly that naturally occurs when dry wood is introduced to high humidity areas. This compression joint virtually eliminates buckling or heaving of the floor surface due to excessive expansion.
- The larger panel size is able to accommodate minor irregularities and slopes while, reducing joints, cutting and installation time.

Applications

- Concrete basement floors
- Garage or workshop floors
- Exercise rooms
- Home theaters
- Play rooms
# Physical Properties Table

<table>
<thead>
<tr>
<th>AMD140G¹</th>
<th>AMD150G¹</th>
<th>AMD200G¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermal Resistance</td>
<td>Panel Thickness</td>
<td>Compressive Strength</td>
</tr>
<tr>
<td>F.ft².hr/Btu (m²·K/W)</td>
<td>inches (mm)</td>
<td>ASTM D1621 psi (kPa)</td>
</tr>
<tr>
<td>5.0 (0.88)</td>
<td>1-19/32 (40)</td>
<td>24.6 (170)</td>
</tr>
<tr>
<td>7.0 (1.23)</td>
<td>2-3/32 (53)</td>
<td>24.6 (170)</td>
</tr>
<tr>
<td>9.0 (1.58)</td>
<td>2-19/32 (66)</td>
<td>24.6 (170)</td>
</tr>
</tbody>
</table>

¹ Panel size is 24x48" [610x1219mm]. Specification for Rigid Polystyrene Insulation is Type II (as per ASTM C578) and Type 2 (as per CAN/ULC-S701). Amdry connectors come in packages of 15. Each connector is 48" [610mm] long and can be easily cut. Each package can connect 10 panels.

Application: floating & glue down
Underlay recommended (Thermoquiet)
Plank thickness 4mm or bigger required.

Application: nail down
Underlay recommended (Thermoquiet)

Application: floating & glue down
Underlay recommended (Thermoquiet)
Plank thickness 6mm or bigger required.

Application: stretch in & direct glue down
Underpad required (Thermoquiet)
If panels are not flat, install a single concrete screw in the middle of the panel.

Each panel needs to be anchored with two concrete screws 12" from the edges.
Requires use of adhesive mortar (thinset cement), 3/4” (19mm) trowel with a minimum clear mortar of 1/2” (13mm).

Application: nail down
Underlay recommended (Thermoquiet)
Not suitable for basement applications.

See Amdry Installation Guide for detailed installation instructions.

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