

# ThermoForm

## Wall Cavity Insulation

### SUBMITTAL DATA

**Fire Rating:** Flame Spread 15  
Smoke Developed 0

Tested and listed by Underwriters Laboratories R9408.

**Thermal Transmission Properties** R-value 3.5 per inch

#### Sound Transmission Control Chart

<b>STEEL STUD WALL ASSEMBLIES</b>		<b>WOOD STUD WALL ASSEMBLIES</b>	
<b>STC</b>	<b>CONSTRUCTION</b>	<b>STC</b>	<b>CONSTRUCTION</b>
<b>49</b>	2-1/2" Steel Stud, 24" OC, 1+1 layers of 5/8" gypsum board; 2-1/2" of ThermoForm	<b>44</b>	2"X4" Plate, 2"X4" Studs, 16" OC, 1+1 layers of 1/2" gypsum board; 1" of ThermoForm
<b>58</b>	2-1/2" Steel Stud, 24" OC, 2+2 layers of 5/8" gypsum board; 2-1/2" of ThermoForm	<b>47</b>	2"X4" Plate, 2"X4" Studs, 24" OC, 2+2 layers of 5/8" gypsum board; 1" of ThermoForm
<b>49</b>	3-5/8" Steel Stud, 24" OC, 1+1 layers of 5/8" gypsum board; 1" of ThermoForm	<b>52</b>	2"X6" Plate, 2"X4" Staggered Studs, 16" OC, 1+1 layers of 5/8" gypsum board; 1" of ThermoForm
<b>52</b>	3-5/8" Steel Stud, 24" OC, 2+1 layers of 5/8" gypsum board; 1" of ThermoForm	<b>55</b>	2"X6" Plate, 2"X4" Staggered Studs, 16" OC, 2+1 layers of 5/8" gypsum board; 1" of ThermoForm
<b>54</b>	3-5/8" Steel Stud, 24" OC, 2+2 layers of 5/8" gypsum board; 1" of ThermoForm	<b>57</b>	2"X6" Plate, 2"X4" Staggered Studs, 16" OC, 2+2 layers of 5/8" gypsum board; 1" of ThermoForm

#### **ThermoForm has been tested according to the following ASTM Standards.**

ASTM C 1149 Self Supported Spray Applied Cellulosic Thermal / Acoustical Insulation, Type II  
ASTM E 119 Fire Wall Test, 1 Hour  
ASTM E 90 Sound Transmission Loss  
ASTM E 84 Surface Burning Characteristics  
ASTM C 518 Thermal Efficiency Test

According to test results from ASTM C 1149, ThermoForm does not support the growth of fungi and is non-corrosive.

Compliances: HUD Use of Materials Bulletin 80 (UMB 80)  
CPSC Safety Guidelines  
Federal Specification SS-S-111C  
California Bureau of Home Furnishing Standards CA-T-282 (LA)