**RESILIENT CHANNEL (RC-MAX)**

RC-Max is manufactured from 0.0190” 50 KSI steel for additional strength. It has 1-1/2” wide screw flange, 2-7/16” overall width. RC-Max is used as a furring over wood or steel framed walls and ceilings. The reduced contact RC-Max affords with the supporting member offers economical means for controlling sound transmission. For walls, resilient furring channels should be installed with the mounting flange down, except at the starter row where the mounting flange may be installed with the flange up.

### RC-Max with 3 - 5/8” ViperStud®

<table>
<thead>
<tr>
<th>Wall Type</th>
<th>Description</th>
<th>STC Rating</th>
</tr>
</thead>
</table>
| A         | • Viper25 24" O.C.  
            • Fiberglass insulation  
            • RC-Max resilient channel  
            • 1 Layer of 5/8" type X GWB, each side | 52 |
| A         | • Viper25 24" O.C.  
            • Fiberglass insulation  
            • RC-Max resilient channel  
            • 2 layers of 5/8" type X GWB, each side | 61 |
| A         | • Viper25 24" O.C.  
            • Fiberglass insulation  
            • RC-Max resilient channel  
            • 1 Layer 5/8" type X GWB, one side | 57 |
| A         | • Viper25 24" O.C.  
            • Fiberglass insulation  
            • RC-Max resilient channel  
            • 2 Layers of 5/8" type X GWB, other side | 51 |
| A         | • Viper20 16" O.C.  
            • Fiberglass insulation  
            • RC-Max resilient channel  
            • 1 Layer 5/8" type X GWB, each side | 51 |
| A         | • Viper20 16" O.C.  
            • Fiberglass insulation  
            • RC-Max resilient channel  
            • 2 layers of 5/8" type X GWB, each side | 59 |
| A         | • Viper20 16" O.C.  
            • Fiberglass insulation  
            • RC-Max resilient channel  
            • 1 Layer 5/8" type X GWB, one side  
            • 2 Layers of 5/8" type X GWB, other side | 55 |
| C         | • Viper25 24" O.C.  
            • Fiberglass insulation  
            • RC-Max resilient channel  
            • 1 Layer 5/8" type X GWB, each side | 52 |
| C         | • Viper25 24" O.C.  
            • Fiberglass insulation  
            • RC-Max resilient channel  
            • 2 layers of 5/8" type X GWB, each side | 61 |
| G         | • Viper25 24" O.C.  
            • Fiberglass insulation  
            • RC-Max resilient channel  
            • 1 Layer 5/8" type X GWB, each side | 52 |
| G         | • Viper25 24" O.C.  
            • Fiberglass insulation  
            • RC-Max resilient channel  
            • 2 layers of 5/8" type X GWB, each side | 61 |

### RC-Max with 3 - 5/8” StudRite®

<table>
<thead>
<tr>
<th>Wall Type</th>
<th>Description</th>
<th>STC Rating</th>
</tr>
</thead>
</table>
| A         | • StudRite (18 mil) 16" O.C.  
            • Fiberglass insulation  
            • RC-Max resilient channel  
            • 1 Layer of 5/8" type X GWB, each side | 52 |
| C         | • StudRite (18 mil) 24" O.C.  
            • Fiberglass insulation  
            • RC-Max resilient channel  
            • 2 layers of 5/8" type X GWB, each side | 61 |
| A         | • StudRite (18 mil) 24" O.C.  
            • Fiberglass insulation  
            • RC-Max resilient channel  
            • 1 Layer of 5/8" type X GWB, each side | 52 |