
Submittal Form

Commercial Insulation Products




Submitted to: _____

Job Name: _____

Submitted by: _____

Date: _____

This Submittal Form is provided to assist you in specifying and selecting the proper ROXUL® Insulation product. Included are basic performance data and product descriptions. For further information and data updates contact your local ROXUL® representative or Technical Service.

| Product | Description | Nominal Thickness | Location | Specification Standard |
|--|---|-------------------|----------|--|
| ROXUL  | Engineered and produced for use in commercial, industrial and residential buildings as fire stopping material, for applications such as: - perimeter gaps between concrete floor slabs and exterior wall systems - around conduit pipe and duct openings through walls and floor slabs - between fire walls and ceiling slabs Facing available: RFF Flame Spread 5 Smoke 0 Perm 0.02 | 1" | | ASTM C612 Type IVA, MEA 339-97-M, E136 non-combustible, UL 723(ASTM E84) Unfaced Flame Spread 0, Smoke Developed 0, C1104 0.04%, ASTM C665, C795, C871, C303 4.5 lb/ft ³ . ASTM E119, 4.5hr, 2", 4" and 6" opening. UL Design numbers: Please contact the manufacturer for more information on the numerous static and dynamic FF, FW, HW and WW system approvals. Curtain Wall 2 Hour UL Fire Rating Approved for numerous static and dynamic systems. For more information please contact the manufacturer |
| | | 1.5" | | |
| | | 2" | | |
| | | 2.5" | | |
| | | 3" | | |
| | | 4" | | |
| | | 5" | | |
| | | 6" | | |

**Acoustical Performance
ASTM C423
Co-Efficients at Frequencies**

| Product | Thickness | Hz | | | | | | |
|---------------------|-----------|------|------|------|------|------|------|------|
| | | 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC |
| ROXUL AFB | 1.0" | 0.14 | 0.25 | 0.65 | 0.90 | 1.01 | 1.01 | 0.70 |
| | 1.5" | 0.18 | 0.44 | 0.94 | 1.04 | 1.02 | 1.03 | 0.85 |
| | 2.0" | 0.28 | 0.60 | 1.09 | 1.09 | 1.05 | 1.07 | 0.95 |
| | 3.0" | 0.52 | 0.96 | 1.18 | 1.07 | 1.05 | 1.05 | 1.05 |
| | 4.0" | 0.86 | 1.11 | 1.20 | 1.07 | 1.08 | 1.07 | 1.10 |
| RHT40 | 1.5" | 0.15 | 0.47 | 0.98 | 1.06 | 1.02 | 1.02 | 0.90 |
| | 2.0" | 0.26 | 0.68 | 1.14 | 1.13 | 1.06 | 1.07 | 1.00 |
| | 3.0" | 0.62 | 1.03 | 1.20 | 1.10 | 1.08 | 1.10 | 1.00 |
| | 4.0" | 1.07 | 1.01 | 1.07 | 1.06 | 1.07 | 1.06 | 1.05 |
| RHT60 | 1.5" | 0.19 | 0.55 | 1.03 | 1.06 | 1.02 | 1.01 | 0.90 |
| | 2.0" | 0.26 | 0.71 | 1.14 | 1.09 | 1.04 | 1.03 | 1.00 |
| | 3.0" | 0.65 | 0.94 | 1.13 | 1.07 | 1.06 | 1.04 | 1.05 |
| | 4.0" | 0.92 | 1.04 | 1.07 | 1.07 | 1.07 | 1.08 | 1.05 |
| RHT 80 | 1.5" | 0.17 | 0.58 | 1.06 | 1.07 | 1.00 | 0.99 | 0.95 |
| | 2.0" | 0.39 | 0.84 | 1.08 | 1.01 | 1.02 | 1.01 | 1.00 |
| | 3.0" | 0.68 | 0.92 | 1.08 | 1.03 | 1.03 | 1.03 | 1.00 |
| | 4.0" | 1.00 | 0.95 | 1.06 | 1.04 | 1.06 | 1.08 | 1.05 |
| RHT 100, 120 | 1.0" | 0.11 | 0.31 | 0.82 | 1.01 | 1.02 | 1.01 | 0.80 |
| | 1.5" | 0.21 | 0.64 | 0.92 | 1.00 | 0.95 | 1.01 | 0.90 |
| | 2.0" | 0.43 | 0.78 | 0.90 | 0.97 | 0.97 | 1.00 | 0.90 |
| | 3.0" | 0.75 | 0.82 | 0.89 | 0.94 | 1.00 | 1.00 | 0.90 |



| Product | Specification Compliance | | | |
|---|--------------------------|-----------|----------|-----------|
| | ASTM C553 | ASTM C612 | | ASTM C665 |
| | Type VII | Type IVA | Type IVB | Type I |
| ROXUL AFB | + | | | + |
| ROXUL SAFE | | + | | |
| ROXUL RHT 40 | | + | | |
| ROXUL RHT 60 | | | + | |
| ROXUL RHT 80 | | | + | |
| ROXUL RHT 100 | | | + | |
| ROXUL RHT 120 | | | + | |
| ROXUL CURTAINWALL RHT 40 RHT 60 RHT 80 | | + | + | |