

TABLE 2

**THE HOT SURFACE PERFORMANCE OF
A COATING ON GLASS FIBER BLANKET INSULATION
(ASTM C411)**

| | |
|-----------------------------------|--|
| <u>Specimen:</u> | IAQ 7000 / Insulation |
| <u>Type:</u> | Coating on Insulation. Paint supplied was brushed onto the black, faced surface cured at 250 °F overnight |
| <u>Number of Layers:</u> | 1 |
| <u>Thickness of Layer:</u> | 16.16 mm (0.636 in.) (Without coating) |
| <u>Size of Layer:</u> | 460 mm square (18 inches square) |
| <u>Application:</u> | Three sections, each dimensioned 460 mm by 150 mm (18 inches by 6 inches), were positioned side by side for each layer. Specimens were applied with coating against the hot surface. |
| <u>Test Temperature:</u> | 121.5 °C (250.7 °F) |
| <u>Warpage:</u> | N/A |
| <u>Delamination:</u> | None |
| <u>Cracking:</u> | None |
| <u>Observations Upon Heatup:</u> | No evidence of ignition, smoking, or smoldering. |
| <u>Observations Upon Removal:</u> | Slight adhesion to hot surface but could be removed easily. The coating became hard and rough but remained intact on the surface with no color change. |
| <u>Test Duration:</u> | 96 Hours |



TABLE 3

**THE HOT SURFACE PERFORMANCE OF
A COATING ON GLASS FIBER BLANKET INSULATION
(ASTM C411)**

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|-----------------------------------|--|
| <u>Specimen:</u> | IAQ 8000 + IAQ 7000 / Insulation |
| <u>Type:</u> | Coating on Insulation IAQ 8000 was first applied to the black skin of the insulation and cured overnight at 250 °F. IAQ 7000 was then applied on the cured surface and again cured overnight. |
| <u>Number of Layers:</u> | 2 |
| <u>Thickness of Layer:</u> | 17.09 mm (0.673 in.) (Without coating) |
| <u>Size of Layer:</u> | 460 mm square (18 inches square) |
| <u>Application:</u> | Three sections, each dimensioned 460 mm by 150 mm (18 inches by 6 inches), were positioned side by side for each layer. Specimens were applied with coating against the hot surface. |
| <u>Test Temperature:</u> | 121.5 °C (250.7 °F) |
| <u>Delamination:</u> | None |
| <u>Cracking:</u> | None |
| <u>Observations Upon Heatup:</u> | No evidence of ignition, smoking, or smoldering. |
| <u>Observations Upon Removal:</u> | Some adhesion to hot surface (stretching like a gel) due to tacking of some elevated points, leaving some coating on the hot surface. Otherwise, the coating remained intact on the skin with no color change. |
| <u>Test Duration:</u> | 96 Hours |