

# Double sided Foil-Scrim-Kraft(FSK) DF-7351A

## Product Application

Double sided FSK Facing insulation is made from 2 outer layers of pure aluminum foil and 1 layer Kraft paper. These layers are bonded together with glue and reinforced with 3-way fiberglass scrim. It is ideally used as sarking and insulation under roofs, in walls behind cladding or under timber floors, for residential and commercial building. Combining with glasswool / rockwool / mineral wool / foam insulation, it is excellent as a vapor barrier and reflective aluminum foil insulation for air-conditioning ducts, pipes and vessels.

## Facing Composition

| Facing Composition | Description | Value(English)    | Value(Metric) |
|--------------------|-------------|-------------------|---------------|
| Foil               | Aluminum    | 0.28 mil          | 7 micron      |
| Reinforcing - MD   | Fiberglass  | 2 /inch           | 8 /100mm      |
| Reinforcing - XD   | Fiberglass  | 3 /inch           | 12 /10mm      |
| Adhesive           | Glue        | -----             | -----         |
| Kraft              | Natural     | 30.6 lbs/3000 ft2 | 50 gsm        |
| Adhesive           | Glue        | -----             | -----         |
| Foil               | Aluminum    | 0.28 mil          | 7 micron      |

## Typical Physical Properties

| Physical Properties         | Test Method                        | Value(English)                      | Value(Metric)                       |
|-----------------------------|------------------------------------|-------------------------------------|-------------------------------------|
| Basis Weight                | Scale                              | 19.4 lbs/ 1000ft2                   | 95 gsm                              |
| Permeance (WVTR)            | ASTM E96,Procedure A               | 0.02 perm                           | 1.15 ng/N.s                         |
| Tensile Strength - MD       | ASTM D828                          | 35.2 lbs/lb                         | 155 N/25mm                          |
| Tensile Strength - XD       | ASTM D828                          | 19.3 lbs/lb                         | 85 N/25mm                           |
| Burst Strength              | ASTM D774                          | 52.2 psi                            | 36 N/cm2                            |
| Low Temperature Resistance  | ASTM D1790<br>4hrs @-40°F(-40°C)   | Remains Flexible<br>No Delamination | Remains Flexible<br>No Delamination |
| High Temperature Resistance | ASTM D1790<br>4hrs @+240°F(+116°C) | Remains Flexible<br>No Delamination | Remains Flexible<br>No Delamination |
| Emissivity                  | ASTM E408                          | 0.03                                | 0.03                                |
| Fire Rating                 | BS 476 Pt.7                        | Class 1                             | Class 1                             |

**Available Roll Width: 1.0m,1.2m,1.25m Available Roll Length: 50m,60m,200m,or be customized**

## Remarks:

1. The data above are typical values only, and should not be used for specifications purpose.
2. Tolerance: Weight and Thickness:  $\pm 10\%$ ; Width:  $\pm 3\text{mm}$ ; Length: Log Roll:  $\pm 0.3\text{m}$ , Jumbo Roll  $\pm 0.5\%$ .
3. The products should be stored at room temperature, kept away from wet and heat source.
4. The users should take test and do trial-application on the above products before coming into application so as to witness and ensure suitability for their special purpose and technique.

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