

## Data Sheet

# Self Adhesive Shed Felt

### Description

Self adhesive cold applied shed felt designed to adhere to the substrate without any external heat input.

### Features & Benefits

- Cold Application
- No need for bitumen or gas torches
- Tough and durable
- Mineral Finish
- Easily installed thanks to the easily peeled film on the back of the sheet



### Technical Performance Data

| TECHNICAL DATA SHEET                |                        |             |                                    |           |      |
|-------------------------------------|------------------------|-------------|------------------------------------|-----------|------|
|                                     | Unit                   | Standard    | SELF ADHESIVE MINERAL SHED FELT HP | Tolerance |      |
| VISIBLE DEFECTS                     |                        | EN 1850-1   | pass                               | -         |      |
| WIDTH                               | m                      | EN 1848-1   | 1                                  | -1%       |      |
| LENGTH                              | m                      | EN 1841-1   | 10                                 | -1%       |      |
| THICKNESS                           | mm                     | EN 1849-1   |                                    | npd       |      |
| AREIC MASS                          | Kg/m <sup>2</sup>      | EN 1849-1   | 3,0                                | -10%      |      |
| STRAIGHTNESS                        | mm                     | EN1848-1    | max 20                             | pass      |      |
| MAX TENSILE FORCE L/T               | N/5cm                  | EN 12311-1  | 500/350                            | -20%      |      |
| ELONGATION L/T                      | %                      | EN 12311-1  | 40/40                              | -15 ass.  |      |
| RESISTANCE TO TEARING L /T          | N                      | EN 12310-1  | 140/160                            | pass      |      |
| RESISTANCE TO STATIC LOADING        | Kg                     | EN 12730-A  | 15                                 | pass      |      |
| RESISTANCE TO IMPACT                | mm                     | EN 12691    | 700                                | pass      |      |
| JOINT STRENGTH L/T                  | N/5cm                  | EN 12317-1  | 400/250                            | -20%      |      |
| PEEL RESISTANCE OF JOINT L/T        | N/5cm                  | EN 12316-1  |                                    | npd       |      |
| PLIABILITY (COLD FLEXIBILITY)       | °C                     | EN 1109     | -15                                | pass      |      |
| PLIABILITY (AGED)                   | °C                     | EN 1296     |                                    | npd       |      |
|                                     |                        | EN 1109     |                                    |           |      |
| U.V. AGEING (VISIBLE DEFECTS)       | -                      | EN 1297     |                                    | npd       |      |
|                                     |                        | EN 1850-1   |                                    |           |      |
| WATERTIGHTNESS                      | kPa                    | EN 1928     | 60                                 | pass      |      |
| WATER VAPOUR PERMEABILITY           | ft x 1.000             | EN 1931     | 20 (default)                       | pass      |      |
| WATER VAPOUR PERMEABILITY (AGED)    | ft x 1.000             | EN 1296     |                                    | npd       |      |
|                                     |                        | EN 1931     |                                    |           |      |
| FLOW RESISTANCE UNDER SIDE          | °C                     | EN 1110     | 100                                | pass      |      |
| FLOW RESISTANCE TOP SIDE            | °C                     | EN 1110     | 120                                | pass      |      |
|                                     |                        | EN 1110     |                                    |           |      |
| DIMENSIONAL STABILITY L/T           | %                      | EN 1107-1   | -0,25/+0,15                        | pass      |      |
| EXTERNAL FIRE PERFORMANCE           | class                  | EN 13501-5  | npd                                |           |      |
| REACTION TO FIRE                    | class                  | EN 13501-1  | npd                                |           |      |
| ADHESION OF GRANULES                | %                      | EN 12039    | < 30                               | pass      |      |
| <b>SPECIFIC CHARACTERISTICS</b>     |                        |             |                                    |           |      |
| ROOT RESISTANCE                     | -                      | EN 13948    |                                    | npd       |      |
| EXTERNAL FIRE PERFORMANCE           |                        | EN 13501-5  |                                    | npd       |      |
| FIRE RESISTANT version              |                        | ENV 1187    |                                    |           |      |
| REACTION TO FIRE                    |                        | EN 13501-1  |                                    | npd       |      |
| FIRE RESISTANT version              |                        | EN 11925-2  |                                    |           |      |
| <b>MINERAL WHITE FLASH VERSIONS</b> |                        |             |                                    |           |      |
| SOLAR REFLECTANCE                   | %                      | ASTM C 1549 |                                    | npd       |      |
| INFRARED EMISSIVITY                 | %                      | EN 15976    |                                    | npd       |      |
| SRI Solar Reflectance Index         | %                      | ASTM C 1980 |                                    | npd       |      |
| <b>OTHER VALUES</b>                 |                        |             |                                    |           |      |
| SPECIFIC HEAT                       |                        |             | 3 mm                               | 4 mm      | 5 mm |
|                                     | KJ/°K                  |             | 3.9                                | 5.2       | 6.5  |
| THERMAL CONDUCTIVITY                | W/m <sup>2</sup> K (λ) |             |                                    | 0.2       |      |