

# PRODUCT DATA SHEET

n° of certification organisation: 0679  
Year mark was 1<sup>st</sup> fixed : 2006

## ELASTO-TORCH SANDED

Technical ref:  
FT AXTER

### DESCRIPTION

ELASTO-TORCH SANDED is a stabilised polyester reinforced elastomeric modified bituminous membrane.

### USE

Base, intermediate or top layer in a multi-layer flat roof waterproofing system.

### APPLICATION METHOD

Torched.

### STORAGE

Rolls to be stored upright and away from heat.

### COMPOSITION

(indicative)

|   |                      |       |
|---|----------------------|-------|
| Reinforcement (gm/m <sup>2</sup> ) :        | Stabilised polyester | 180   |
| Binder (gm/m <sup>2</sup> ) :               | SBS elastomer        | 4,290 |
| Surface finish (gm/m <sup>2</sup> ) :       | Sand                 | 250   |
| Under surface finish (gm/m <sup>2</sup> ) : | Thermofusible film   | 10    |

### CHARACTERISTICS

|  | STANDARD(BS) | UNITS                           | VALUES    | Tolerance |         |   |
|--|--------------|---------------------------------|-----------|-----------|---------|---|
|  |              |                                 |           | Min       | Max     |   |
| Dimensions   | EN 1848-1    | Length                          | 8         | -1%       |         |   |
|  |              | Width                           | 1         | -1%       |         |   |
|  |              | Straightness                    | -         | Pass      |         |   |
|  |              | Nominal roll weight             | -         | 38.0      |         |   |
|  | EN 1849-1    | Thickness (on finished product) | 4.00      | 3.80      | 4.20    |   |
|  |              | New product                     | -         | None      |         |   |
| Visible defects                                    | EN 1850-1    | After ageing to EN 1297         | -         | NA        |         |   |
|  |              | Adhesion of granules            | EN 12039  | %         | NA      | - |
| Resistance to tearing (nail shank)                 | EN 12310-1   | Longitudinal                    | NA        | -         | -       |   |
|  |              | Cross direction                 | NA        | -         | -       |   |
| Tensile properties : maximum tensile force         | EN 12311-1   | Longitudinal                    | 690       | 570       | 820     |   |
|  |              | Cross direction                 | 540       | 440       | 680     |   |
| Tensile properties : elongation                    | EN 12311-1   | Longitudinal                    | 40        | 30        | 50      |   |
|  |              | Cross direction                 | 50        | 40        | 60      |   |
| Peel resistance of joint                           | EN 12316-1   | Maximum force                   | Selvage   | NA        | -       | - |
|  |              |                                 | End joint | NA        | -       | - |
|  |              | Average force                   | Selvage   | NA        | -       | - |
|  |              |                                 | End joint | NA        | -       | - |
| Shear resistance of joint                          | EN 12317-1   | Maximum force                   | Selvage   | NA        | -       | - |
|  |              |                                 | End joint | NA        | -       | - |
| Flexibility at low temperature                     | EN 1109      | Surface                         | -16       | ≤         |         |   |
|  |              | Under surface                   | -16       | ≤         |         |   |
| Flow resistance at elevated temperature            | EN 1110      | New product                     | 100       | ≥         |         |   |
|  |              | After ageing to EN 1296         | NA        |           |         |   |
| Resistance to impact                               | EN 12691     | mm                              | NA        | ≤         |         |   |
| Resistance to static loading                       | EN 12730 (A) | kg                              | NA        | ≥         |         |   |
| Dimensional stability                              | EN 1107-1    | %                               | 0.5       | ≤         |         |   |
| Form stability under cyclic temperature change     | EN 1108      | %                               | NA        |           |         |   |
| Water vapour transmission properties               | EN 1931      | New product                     | -         | μ=20000   |         |   |
|  |              | After ageing to EN 1296         | -         | NA        |         |   |
| Watertightness                                     | EN 1928      | New product                     | -         | Pass      | <10 kPa |   |
|  |              | After ageing to EN 1296         | -         | NA        |         |   |
| Watertightness after stretching at low temperature | EN 13897     | %                               | NA        |           |         |   |
| Reaction to fire                                   | EN 13501-1   | -                               | F         |           |         |   |
| Resistance to root penetration                     | EN 13948     | -                               | NA        |           |         |   |
| Dangerous substances consult :                     | -            | -                               | None      |           |         |   |

http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm  
NA=not applicable due to use of product.

The manufacturer reserves the right to modify, at any time, the characteristics of its products.