

**THERMAX DATA-SHEET \*)**  
for High Density Board Type SN 750/ SN 850

| No | BOARD TYPE  | SN 750         |     |     |                                |     |     |   | SN 850                 |     |     |     |     |     |   |
|----|---|----------------|-----|-----|--------------------------------|-----|-----|---|------------------------|-----|-----|-----|-----|-----|---|
|    |   | 5/16           | 3/8 | 1/2 | 5/8                            | 3/4 | 7/8 | 1 | 5/16                   | 3/8 | 1/2 | 5/8 | 3/4 | 7/8 |   |
| 1  | <b>Thickness of boards (inch)</b>                       | 5/16           | 3/8 | 1/2 | 5/8                            | 3/4 | 7/8 | 1 |                        |     |     |     |     |     |   |
| 2  | <b>Dimension (inch)</b>                                 | S              | S   | S   | S                              | S   | S   | R | 4 x 8 ft               | S   | S   | S   | R   | S   | R |
|    |   | R              | R   | R   | R                              | S   | R   | R | 49 ¼ x 98 ½ "          |     |     |     |     |     |   |
|    |   |                | R   | S   | R                              | S   |     |   | 49 ¼ x 110 ¼ "         |     |     |     |     | S   |   |
|    |   |                |     |     |                                | R   |     |   | 4 x 10 ft              |     |     |     |     |     |   |
| 3  | <b>Density **)(+/-5%)</b> for thickness                 | 5/16, 3/8, 1/2 |     |     | 53 lb/ft <sup>3</sup>          |     |     |   | 53 lb/ft <sup>3</sup>  |     |     |     |     |     |   |
|    |   | 5/8, 3/4,      |     |     | 47 lb/ft <sup>3</sup>          |     |     |   |                        |     |     |     |     |     |   |
|    |   | 7/8, 1 inch    |     |     | 45 lb/ft <sup>3</sup>          |     |     |   |                        |     |     |     |     |     |   |
| 4  | <b>Thickness tolerance</b>                              |                |     |     |                                |     |     |   | ± 0,2mm or ± 0,0079"   |     |     |     |     |     |   |
| 5  | <b>Bending Strength (DIN 52362)**)</b><br>for thickness | 5/16, 3/8, 1/2 |     |     | 6,0 N/mm <sup>2</sup>          |     |     |   | 6,0 N/mm <sup>2</sup>  |     |     |     |     |     |   |
|    |   | 5/8, 3/4,      |     |     | 5,0 N/mm <sup>2</sup>          |     |     |   |                        |     |     |     |     |     |   |
|    |   | 7/8, 1 inch    |     |     | 4,5 N/mm <sup>2</sup>          |     |     |   |                        |     |     |     |     |     |   |
| 6  | <b>Transverse Tensile Strength (DIN 52365)**)</b>       |                |     |     | 0,4 - 0,5<br>N/mm <sup>2</sup> |     |     |   | 0,5 N/mm <sup>2</sup>  |     |     |     |     |     |   |
| 7  | <b>Delamination Strength**)</b><br>for thickness        | 5/16, 3/8, 1/2 |     |     | 0,6 N/mm <sup>2</sup>          |     |     |   | 0,7 N/mm               |     |     |     |     |     |   |
|    |   | 5/8, 3/4,      |     |     | 0,6 N/mm <sup>2</sup>          |     |     |   |                        |     |     |     |     |     |   |
|    |   | 7/8, 1 inch    |     |     | 0,5 N/mm <sup>2</sup>          |     |     |   |                        |     |     |     |     |     |   |
| 8  | <b>E-Modul (DIN 7735)</b>                               |                |     |     |                                |     |     |   | 3000 N/mm <sup>2</sup> |     |     |     |     |     |   |
| 9  | <b>Compressive Strength (DIN 53454)</b>                 |                |     |     |                                |     |     |   | 8,8 N/mm <sup>2</sup>  |     |     |     |     |     |   |
| 10 | <b>Screw Extraction Strength (EN 320)</b>               | 25 N/mm        |     |     |                                |     |     |   | 30 N/mm                |     |     |     |     |     |   |
| 11 | <b>Thermal Conductivity (dry acc DIN 52612)</b>         |                |     |     |                                |     |     |   | 0,16 W/mk              |     |     |     |     |     |   |
| 12 | <b>Residual Moisture exworks</b>                        |                |     |     |                                |     |     |   | 3 - 4%                 |     |     |     |     |     |   |
| 13 | <b>pH-Value</b>   |                |     |     |                                |     |     |   | 5,5                    |     |     |     |     |     |   |
| 14 | <b>Stability in Dimension***)</b>                       |                |     |     |                                |     |     |   | 0,1 - 0,15%            |     |     |     |     |     |   |
| 15 | <b>Emission of Formaldehyde</b>                         |                |     |     |                                |     |     |   | free of formaldehyde   |     |     |     |     |     |   |

[DASH75-30.doc]

\* ....All technical data are due to changes and suppliments

\*\* ...Average values ex works

\*\*\*. This values are in respect of an increase of relative humidity up to 85%.

S ....Standard board on stock

R ....on request