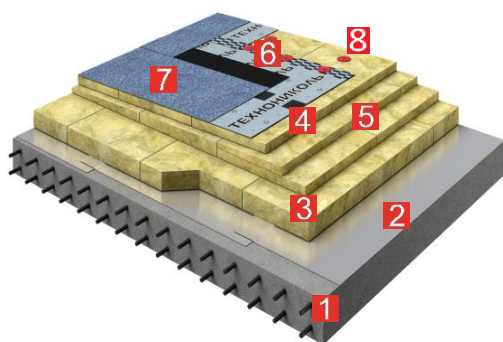




## TECHNOROOF N 35

MW - EN 13162 –T6 - DS(70,-)- DS(23,90)- CS (10) 30 – TR 7,5 - PL (5) 300- WS-WL(P)- MU 1

**TECHNOROOF N 35 are nonflammable, waterproofing, heat- and sound insulating slabs made of basalt rock stonewool with a low-phenol binder.**



### Application areas:

TECHNOROOF N 35 slabs was intended for used in civil and industrial construction as a heat-insulation layer for new construction and reconstruction of various buildings and structures.

### Description of material:

TECHNOROOF N 35 are nonflammable, waterproofing, heat- and sound insulating slabs made of basalt rock stonewool with a low-phenol binder.

### Storage:

The slabs must be stored in covered warehouses. Storage under an awning protecting the slabs from atmospheric precipitation is permitted. The slabs shall be stored into containers or stacked on the pallets or on the supports during whole period of storage. The height of the stack shall not exceed 3 meters.

### Product technical data:

| Essential characteristics   | Performance                           | Harmonized technical specification |
|---|---------------------------------------|------------------------------------|
| Declared thermal conductivity at 10 °C, $\lambda_D$ , W/m <sup>2</sup> *K   | 0,036                                 | EN 12667                           |
| Limit deviations Length, Width, mm  | $\pm 2/\pm 1,5$ %                     | EN 823                             |
| Limit deviations of thickness, mm   | 50-200                                | EN 823                             |
| Thickness, (with increments of 10 mm), mm   | T6                                    | EN 823                             |
| Deviation from squareness, mm/m   | < 5                                   | EN 824                             |
| Deviation from flatness, mm   | < 6                                   | EN 825                             |
| Compressive stress at 10% deformation, kPa  | CS(10)30                              | EN 826                             |
| Tensile strength perpendicular to faces, kPa  | TR 7,5                                | EN 1607                            |
| Point Load, N   | PL(5)300                              | EN 12430                           |
| Dimensional stability, %:<br>-at specified temperature<br>-under specified temperature (23°C) and humidity conditions (90%R.H.) | DS(70,-) <1<br>DS(23,90) <1           | EN 1604                            |
| Reaction to fire, euroclass   | A1                                    | EN 13501-1                         |
| Water Absorption during Short/<br>Longterm Immersion kg/m <sup>2</sup>  | WS <1<br>WL(P)<3                      | EN 1609<br>EN 12087                |
| Water vapour transmission, MU   | MU1                                   | EN12086                            |
| Dangerous Substances:   | Does not include dangerous substances |                                    |