**ROLLS**

**KNAUF INSULATION THERMO-TEK RL ECO ALU**

**Type of Insulation:**

Mineral wool roll for the insulation of pipes, components as elbows and T-pieces, valves and flanges, air ducts.

The roll must have certifications and CE marking in accordance with EN 14303.

**Facing:**

The roll shall have a glass fibre reinforced aluminium on one side.

**Description:**

Mineral wool roll with tear-resistant, glass fibre reinforced aluminium foil bonded on one side. The mineral wool roll shall use a mainly bio-based binder, e.g. Ecose Technology, contain no added formaldehyde and be certified under Eurofins Gold Indoor Air Comfort quality standards or equivalent.

**Main characteristics:**

1. Eurofins

Certification Indoor Air Comfort: Gold Standard

2. Fire

The roll shall be non-combustible with the following reaction to fire according to
EN 13501-1: A2-s1, d0.

3. Thermal

The thermal conductivity λ-value shall be according to EN 12667:

0,034 W/(mK) at 10 °C

0,036 W/(mK) at 20 °C

0,040 W/(mK) at 40 °C

0,044 W/(mK) at 60 °C

The maximum service temperature is measured according to EN ISO 18097 and shall be minimum 60°C.

4. Density

Density will be 25 kg/m3, according to EN ISO 29470.

5. Dimensional tolerances

The dimensional tolerance class shall be T2, according to EN 14303.

**EN designation code:**

MW-EN14303-T2-ST(+)150

**Standard Dimensions:**

Roll length shall be: from 8000 mm ,16000 mm, according to the thickness.

Roll width shall be 1200 mm.

Roll thickness shall be: 25, 50 mm.