



**Maad RF Light Premium 353/353 Plus**

**Density:** 40 kg/m<sup>3</sup> + 6mm (layer)

**Thickness:** 6 – 100 mm

**Width:** 1000-1400mm

**Type of material:**

Black closed-cell flexible elastomeric foam (FEF) CFC, HCFC free, Antimicrobial behavior. Covered with composite of grey synthetic leather as a protective and decorative surface.

**Product range:**

Flat sheets or rolls (also in a self-adhesive version) with thicknesses from 6 to 100 mm.

**Fields of application:**

**Thermal insulation of automotive application.** Especially suitable for automotive thermal and sound insulating cabins, walls and roofs.

**Dimensional tolerance:**

In accordance with the European Standard EN 14304.

**Environmental information:**

CFC and HCFC-free flexible and expanded rubber foam. It does not damage the ozone layer (ODP zero) and does not contribute to the greenhouse effects (GWP zero).

### Technical Data

| Properties  | Result                  | Test Method          |
|---|-------------------------|----------------------|
| Operating temperature range:                              | -45 °C +110 °C          | EN 14706/EN 14707    |
| Thermal conductivity λ:<br>At a mean temperature of 0 °C: | ≤0.034 W/m·K            | EN 12667/EN ISO 8497 |
| At a mean temperature of + 40 °C                          | ≤0.038 W/m·K            |                      |
| Water vapour diffusion resistance factor (μ):             | ≥7000                   | EN 13469/EN 12086    |
| Water vapour permeability:                                | 0,07 ugm/Nh             | BS4370:Part 2        |
| Water absorption:   | < 0,1 kg/m <sup>2</sup> | EN 13472/EN 1609     |
| Fire performance:<br>European standard                    | Sheets B-s3,d0          | EN 13501 -1          |

|                          |  |   |
|--------------------------|--|---|
|                          |  |   |
| UK:                      | Fire propagation $i_1 \leq 6.0$<br>Surface spread of flame Class<br>Building Regulations Class 0 | BS476: Part 6<br>BS476: Part 7<br>BS476 Parts 6 and 7 |
| USA, Canada              | UL Approved<br>Flame Class V-0 5VA   | UL 94<br>UL 746 A                                     |
| Ozone resistance:        | Excellent  | ISO 7326  |
| UV resistance:           | Good   | UNI ISO 4892-2  |
| Antimicrobial behaviour: | Meets test requirements  | AATCC test method 30-2004                             |
| Corrosion risk:          | Meets test requirements  | EN 13468  |

### Storage conditions/shelf life:

Store the material in a dry and clean environment at a temperature between 0 °C and 35 °C and a RH between 50% and 70%. Do not expose the material to heat or direct sunlight before installing. Tapes and self-adhesive sheets should not be kept in storage for more than one year.

For all adhesive materials it is important that the surface is clean, dry and free of grease, oil and solvents.

All specifications are mean values and are made to the best of one's knowledge, are however not binding and exclude any requirements of any kind regarding damages or failures to third-party property rights. Tests should be carried out by the buyer.

In the case of material with a self-adhesive layer, storage at a temperature of +15 to +30 °C