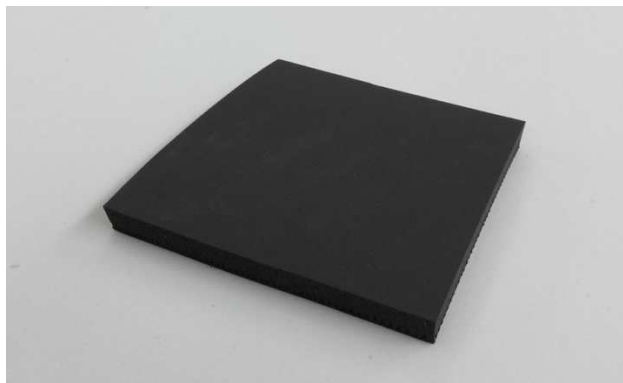




### **E20** TYPE - APPROVAL CERTIFICATE E20\*118R03/01\*004033\*00

# MAAD RF BUS TECH



#### Description

MAAD PE 30 – Polyethylene - it is closed cell polyethylene and therefore it is damp-proof. PE is an excellent insulator against heat. A strong structure of the material additionally stiffens the bus frame rib, which reduces the transmission of noise / vibration transmitted by the bodywork.

**MAAD SNK FORM has an approval certificate issued by Transport Technical Supervision TDT. The material is registered in an international database IMDS.**

#### Application



#### TECHNICAL PARAMETERS

DENSITY	-	50 kg/m <sup>3</sup>
FIRE PERFORMANCE	ECER118 Annex 6, 7, 8 FMVSS302 UL94 UL746 A	fulfills fulfills UL Approved flame Class V-0 5VA
OPERATING TEMPERATURE RANGE	EN14706/EN14707	-40°C - +10°C
THERMAL CONDUCTIVITY λ at 0°C at +40°C	EN12667/ENISO 8497	≤0.034 W/mK ≤0.038 W/mK
WATER VAPOUR DIFFUSION RESISTANCE FACTOR (μ)	EN13469/EN12086	≥7000
WATER VAPOUR PERMEABILITY	BS4370:Part 2	0.07 ugmy/h
WATER ABSORPTION	EN13472/EN1609	<0.1 kg/m <sup>2</sup>
OZONE RESISTANCE	ISO 7326	excellent
UV RESISTANCE	UNI ISO 4892-2	good
ANTIMICROBIAL BEHAVIOUR	AATCC test method 30-2004, ASTM G21	meets test requirements
CORROSION RISK	EN13468	meets test requirements

#### STANDARD DIMENSIONS OF THE MATERIAL

THICKNESS [mm]	DIMENSIONS OF THE SHEET* [mm]
3,0 - 100,0	2000 x 1000

There is a possibility of cutting to size in accordance with your specifications or drawing.

\*Other thicknesses / dimensions available on customer's request. There is the possibility to order the material in the roll. Effective dimensions guaranteed as ordered.

#### OPTIONS\*\*

Maad PE 30	without a self-adhesive layer
Maad PE 30, SK-M	with a self-adhesive with a mesh layer

\*\* Other composites available on customer's request.



### ADDITIONAL TECHNICAL PARAMETERS

**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.