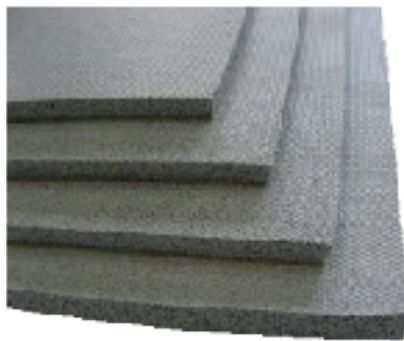


# ACOUSTIC AND THERMIC SILICONE FOAM PAULSTRANE®



## DESCRIPTION

PAULSTRANE® is a mass heavy silicone foam which can be used in all sectors : industry, railway, marine and offshore for phonic protection, thermal and fire in a wide range of temperatures of use.

This solution both well resisting to natural ageing and common main chemical agents. It can be integrated into the side dish of walls, partitions, ceilings, floors and seat (in boats, trains, planes, cars, bus, industrial vehicles / trucks, but also theaters and every noisy places).

## BENEFITS

- Soundproofing.
- Fire protection FAR 25 853 (a) 1) ii) ; FAR 25 856 (a).
- Density and opacity of very low smokes.
- Good resistance in natural ageing (UV, ozone).
- Good resistance in the environment (corrosion, molds, usual chemical agents).
- Range of use : of - 60 in + 200 °C.
- Exist in self-adhesive version (PAULSTRANE SA).

# DIMENSION

| Type                | Reference    | Dimensions (mm) | Thickness (mm) | Weight/Surface (kg/m <sup>2</sup> ) |
|---------------------|--------------|-----------------|----------------|-------------------------------------|
| PAULSTRANE / 1,2    | 820340 00 10 | 1400 x 975      | 2,5            | 1,2                                 |
| PAULSTRANE SA / 1,3 | 820349 00 10 |                 |                | 1,3                                 |
| PAULSTRANE / 1,6    | 820316 00 10 |                 | 3,2            | 1,6                                 |
| PAULSTRANE SA / 1,7 | 820295 00 10 |                 |                | 1,7                                 |
| PAULSTRANE / 2,7    | 820319 00 10 |                 | 5,5            | 2,7                                 |
| PAULSTRANE SA / 2,8 | 820318 00 10 |                 |                | 2,8                                 |
| PAULSTRANE / 3,5    | 820353 00 10 | 1400 x 600      | 7              | 3,5                                 |
| PAULSTRANE SA / 3,6 | 820369 00 10 |                 |                | 3,6                                 |
| PAULSTRANE / 5      | 820341 00 10 |                 | 10             | 5                                   |
| PAULSTRANE SA / 5,1 | 820350 00 10 |                 |                | 5,1                                 |

## TECHNICAL CHARACTERISTICS (according to testing method A.S.T.M.)

### PROPERTIES

- Density  
500 kg/m<sup>3</sup>
- Weight  
from 1,25 to 5 kg/m<sup>2</sup>
- Temperatures of use  
of -60 °C in +200 °C
- Thermal conductivity  
at 50°C : < 0,15 W/m.K  
at 100°C : < 0,15 W/m.K  
at 200°C : < 0,15 W/m.K
- Fire resistance  
Vertical burn : FAR 25 853(a)(1)(ii)  
Radiant Panel : FAR 25 856(a) appendix F leave VI
- Environment resistance  
to oil and solvents : excellente  
to the corrosion : excellente  
to the mold : excellente
- Storage conditions  
max 30°C, 50% RH (for PAULSTRANE SA)



Test at 890 °C