

# ACOUSTIC FOAM

# TECHNICAL DATA SHEET

|                                                                                                                                                                                              |                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Acoustic absorption                                                                                                                                                                          | A-class                       |
| Acoustic class A certification according to EN ISO 11654. Weighted sound absorption coefficient 0.95 for measurements with type A and type E-200 mounting according to EN ISO 354.           |                               |
| Fire resistance                                                                                                                                                                              | C-class                       |
| Currently certified for fire class C according to EN 13501-1:2018 and actively pursuing fire class B.<br><br>Fire class is achieved with additives. The base material is not fire resistant. |                               |
| Moisture resistance                                                                                                                                                                          | C-class*                      |
| Moisture resistance achieved with additives.<br><br>*Measured in-house according to EN 13964:2014.                                                                                           |                               |
| Thermal conductivity                                                                                                                                                                         | $\sim 0.037 \frac{W}{mK}^*$   |
| In the range of standard thermal insulation materials.<br><br>*Measured in-house.                                                                                                            |                               |
| Density                                                                                                                                                                                      | $\sim 30 - 60 \frac{kg}{m^3}$ |
| Very lightweight material, density varies with different compositions of foam. Mechanically stronger foam is denser.                                                                         |                               |
| Aesthetics                                                                                                                                                                                   | Customizable                  |
| The material is easy to cut into different shapes and sizes. Can also be painted with different colors or covered with fabric.                                                               |                               |