



Regenocell S

Applications

Industry

Factory machinery, fans, mills, printing and metal handling machinery, dust separators, timber handling equipment, electric generating sets, generators, engines, compressors.

Transport and contracting

Engine rooms in boats and vehicles, scooters, contractor's and gardening machinery.

Health care and large-scale kitchens

Sink units, dishwashing machines, roller tables, vacuum cleaners.

Buildings

Lifts, motor rooms, ventilation systems, floating floors.

Method of use

The parts are cut or stamped to the required shape and carefully pressed on to a surface that must be free from oil, dirt, and dust.

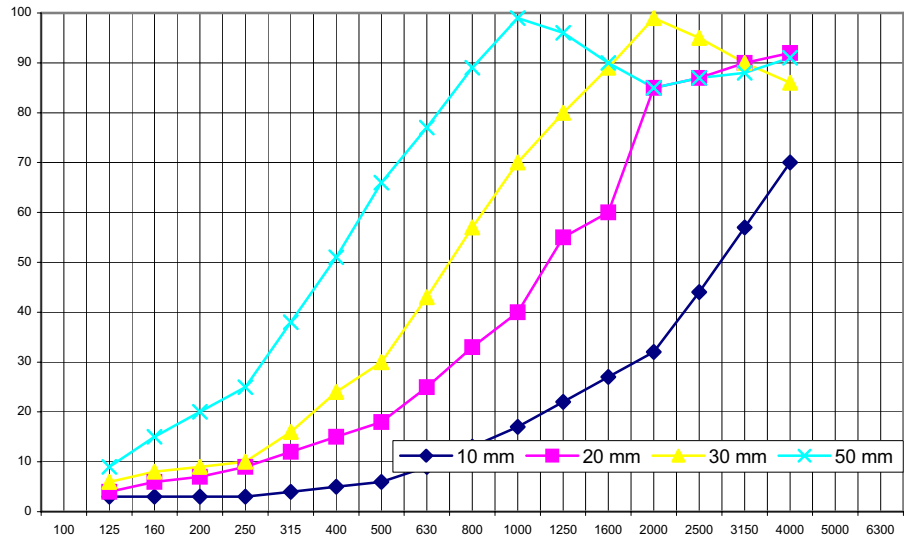
Product characteristics

Regenocell S is a sound absorbing material of regenerated polyurethane foam. The material can be bent and is self-adhesive.

Advantages

- Good sound absorption
- High density
- Workable
- Easy to mount
- Difficult to ignite

Absorptions Coefficient, % (ISO 10534)



Frequency, Hz, Third Octave Bands

Technical data

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|-------------------------------------|--|
| Sound absorption | See diagram |
| Temperaturbeständighet | -40°C to + 120°C |
| Fire Class | FMVSS302 |
| Coefficient of thermal conductivity | $\lambda = 0,036 \text{ W/m}^\circ\text{C}$ |
| Adhesive's tear strength | Approx 15 N/cm test width |
| Colour | Varying |
| Environment | Freon and PVC free |
| Thickness | 10, 20 or 30 mm (other thickness can be supplied on request) |
| Density | Approx 100 kg/m ³ |
| Delivery format | 1000x2000 mm (other sizes and shapes can be supplied on request) |

Experiences

The shaping and positioning of the material is of major importance to achieve an optimal sound-dampening effect. SONTECH has long experience of practical noise control projects in a wide range of industrial fields. These experiences can be a valuable addition to the laboratory data given in the datasheet. SONTECH can also assist with advice and sound measurements for noise control and in the manufacture of customised material sets.

Designation system

| | |
|-----------------------|--------------|
| Regenocell | RC |
| Thickness in mm | 10, 20 or 30 |
| Fire Class FMVSS302 | S |
| Example of order code | RC10S |

