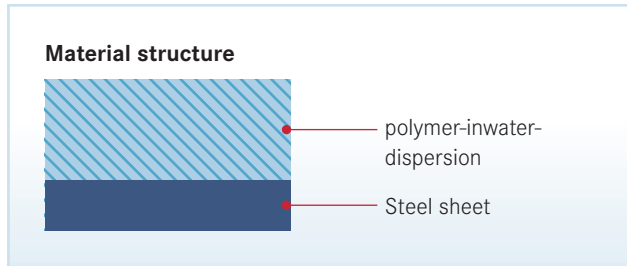




BaryVibro®



Product

BaryVibro is a solvent-free vibration-insulating material of high quality on the base of polymer-inwater-dispersion, which provides efficient structure-borne sound damping.

Range of application

- Structure-borne sound damping
- Condensate insulation
- Thermal insulation

Method of application

Prior to the start of operation it is necessary to become familiar with the safety measures by means of the material safety data sheets. Even for products, which are not subject to labelling, the safety measures common for chemical products are to be adhered to.

Preparation

The surfaces to be coated have to be clean, dry and free from oils, greases and other antiadhesive components.

BaryVibro, depending on material and application, is applied by spraying or flat coating.

The base should be prime-coated. Metal sheets and non-anodized aluminium, however, should have a suitable hydrophobic anticorrosive coat.

Even though the material binds well on commercially primed surfaces, we recommend a test on primed metal sheets first.

Application

BaryVibro should be thoroughly mixed before application.

Mixing can be carried out manually or for larger quantities by a suitable mixing device.

If necessary, a small quantity of water (1 – 2 %) can be added to material thickened after long storage.

BaryVibro's condition at time of supply is already suitable for application by spraying with air (auxiliary air method).

Proven spraying data:

- BaryVibro 192S airless
 - Supply: by means of piston pump, compression index 55:1
 - Material pressure: approximately 275 bar
 - Nozzle: reverse nozzle, e. g. Graco GHD 751
- BaryVibro 192S + BaryVibro 163F
 - Supply: by means of piston pump, (atomizer for masses of high concentration), compression index 16:1
 - Material pressure: approximately 80 bar
 - Nozzle: ø 6 mm
- BaryVibro K131
 - Supply: by means of piston pump, (atomizer for masses of high concentration), compression index 16:1
 - Material pressure: approximately 80 bar
 - Nozzle: ø 10 mm

Product characteristics

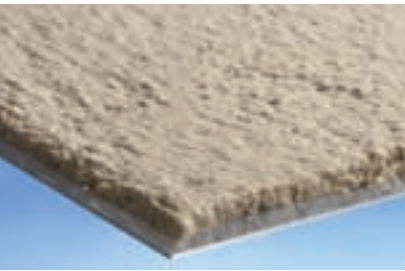
- high efficiency of structure-borne noise damping
- application by spraying and flat coating
- solvent-free (free from volatile components)

Please pay attention to the following

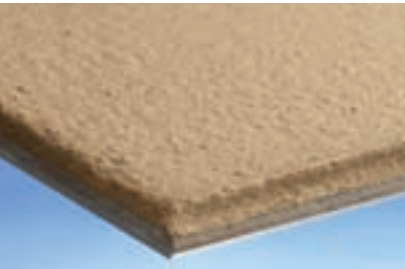
- BaryVibro has an optimal damping effect, if applied with a double sheet thickness layer.
- For thicker sheets, the material is applied with several layers considering that each layer has to be entirely dry before the next is applied.
- For irregular spraying, especially in corners and at borders, cracks might appear due to material accumulation.

Our advice

- We recommend to wear gloves, protective eyeglasses and masks as individual protective means when working with BaryVibro. Moreover a panoramic breathing mask with particle filter or a fresh-air mask is advisable.
- For standard processing, we do recommend to provide for a proper exhauster.
- Used tools and instruments, such as spatula and spraying guns are to be dipped into water during non-working times.
- For further information please refer to the EC material safety data sheets.



BaryVibro 192S airless



BaryVibro 163F

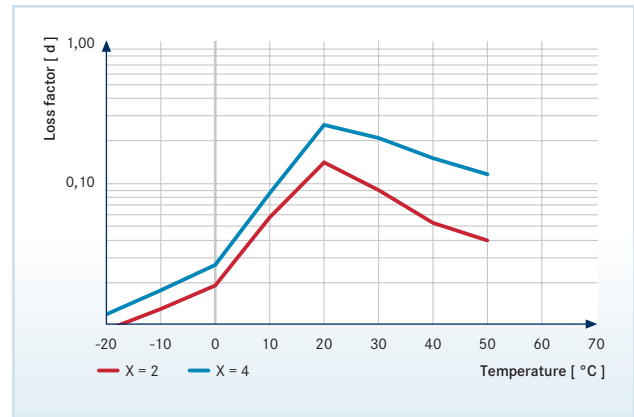


BaryVibro K131



BaryVibro® 192S airless

Damping on steel sheet according to ISO 6721



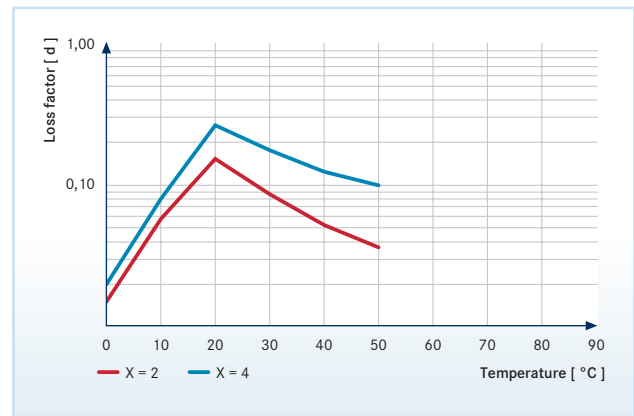
Base: steel

X = thickness ratio of layer/steel sheet

Frequency: $f = 200$ Hz

BaryVibro® 163F

Damping on steel sheet according to ISO 6721



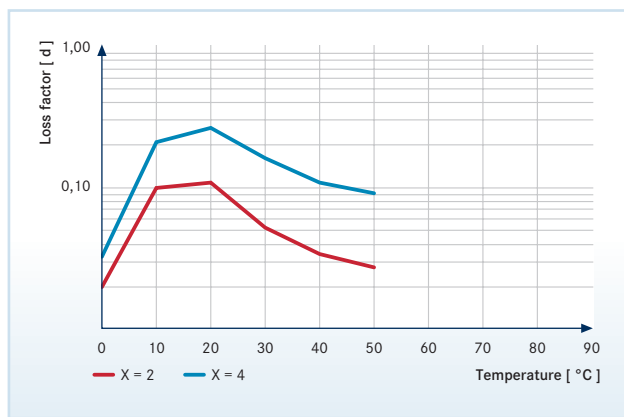
Base: steel

X = thickness ratio of layer/steel sheet

Frequency: $f = 200$ Hz

BaryVibro® 192S

Damping on steel sheet according to ISO 6721



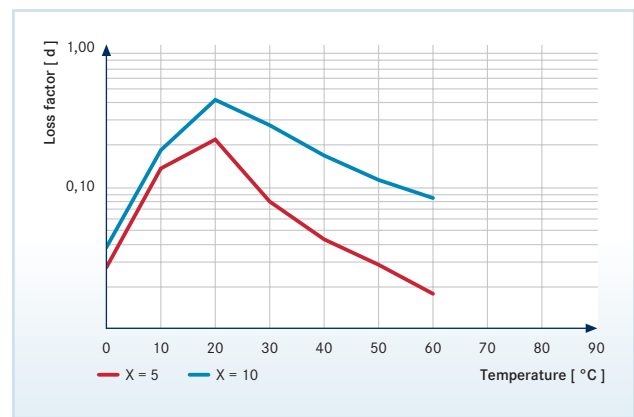
Base: steel

X = thickness ratio of layer/steel sheet

Frequency: $f = 200$ Hz

BaryVibro® K131

Damping on steel sheet according to ISO 6721



Base: steel

X = thickness ratio of layer/steel sheet

Frequency: $f = 200$ Hz