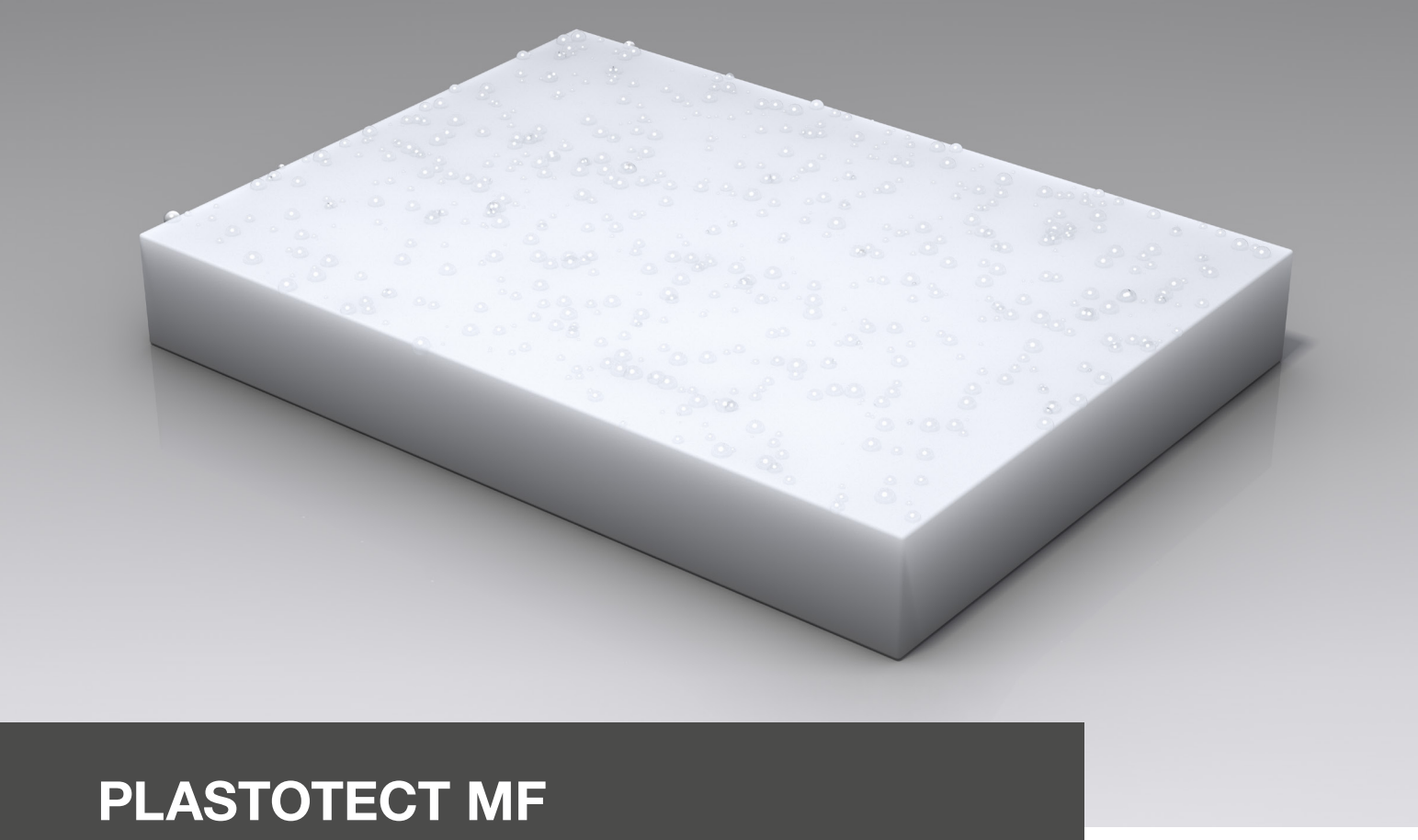

PLASTOTECT MF

Hydrophobized melamine resin

Water-repellent sound and thermal insulation material

Our new material PLASTOTECT MF is a melamine resin with hydrophobic (water-repellent) properties. The basis of the product consists of an open-pored foam material with a density of 10 kg per cubic meter. This has unique water-repellent characteristics (resistant against penetration of water and dampness) that are created by means of a special hydrophobizing process.

Excellent noise absorption results are achieved across a wide frequency spectrum. Together with first-class thermal and hydrophobic characteristics, this results in an outstanding thermal insulation product.

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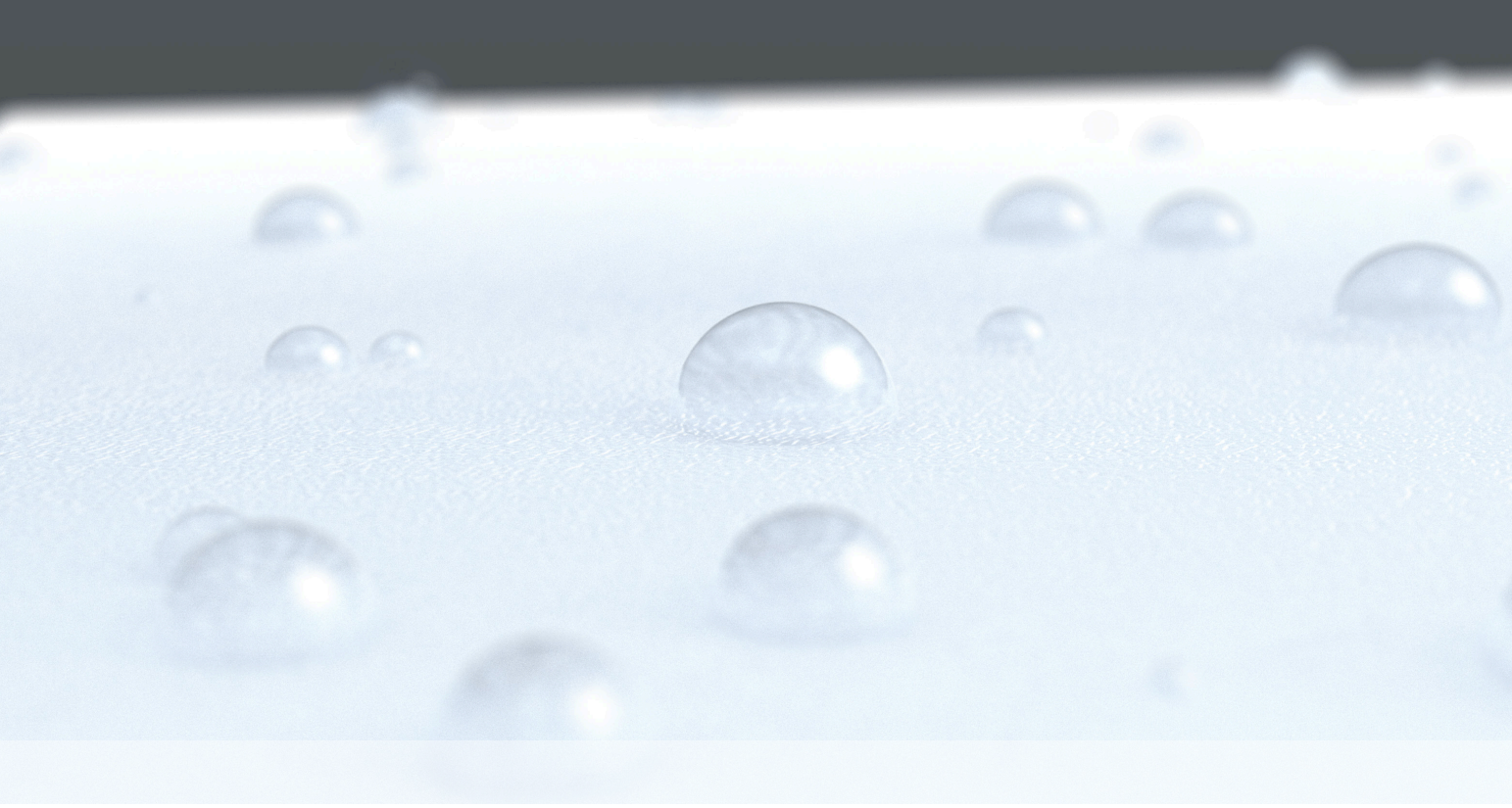

Characteristics of PLASTOTECT MF

For sound and thermal insulation

- Water-resistant foam
- Vapor-permeable and oil-repellent foam
- dOpen-pored foam

Benefits of PLASTOTECT MF

- Water-repellent (hydrophobic)
- Certified in accordance with EN45545 / R1, HL2
- Fire testing in accordance with ECE-R118
- Can be used at temperatures up to +240° C (extended exposure up to +150° C)

Application areas of PLASTOTECT MF

Transport:

- Sound and thermal insulation in railway vehicles
- Ventilation ducts
- Covering of bearing beams
- Chamber for power units
- Window and door seals
- Seals for floors and side wall connections
- Sound insulation for bus doors, floors and roofs
- Noise protection for vehicles and vehicle roofs
- Sound insulation in vehicle chassis
- Covering of vehicle motors
- Ventilation ducts in ships
- Sound insulation in ship walls
- Insulation in aircraft

Building and construction:

- Sound and thermal insulation in building walls
- Air ventilation ducts

Machine construction:

- Sound insulation in household appliances and electrical devices
- Insulation of machines in the food service industry
- Noise protection in food display cases
- Sound insulation in machine motors
- Sound insulation in ventilation systems and compressors

Other areas of application:

- Noise protection at shooting ranges
- Modification of room acoustics
- Sound insulation for painting chambers and wind mills
- Sound insulation in compressors and air conditioning systems
- Sound insulation in engine rooms
- Wind turbine construction
- Sound insulation in hydroelectric power plants

MAKING NOISE QUIETER

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PLASTOTECT MF – EN – Edition: October 2019 – Subject to change