

TROCELLEN Door water shield



Door water shields made of TROCELLEN PO foam

Door water shields made of TROCELLEN Polyolefin foam are used in classic door structures as wet and dry boundary sealing. Classic door structures give flexibility for customized door systems with individual configuration and door water shields made of TROCELLEN PO foam serve as perfect sealing with various positive functions combined in one application.



Foam characteristics:

- good thermoforming of 3D-geometries
- good temperature resistance
- good stiffness / self-carrying function
- closed-cell: no media absorption

Advantages:

- perfect fitting of door water shield
- excellent sealing against water /dust with butyl line
 - ✓ improved thermal insulation for energy savings
 - ✓ improved acoustic insulation for passenger comfort
 - ✓ less electric failures for reduction of warranty costs
- optional: foam + siliconised film to avoid protection cover of butyl line
 - ✓ cost saving / time saving
 - ✓ clean assembly line / no waste

FOAM TYPES & REFERENCES

Current serial applications:

- BMW: Z4 / X1 / X3 / X5 / X6 / 5 series / 6 series / Mini
- Daimler: CLS / E-class / S-class / Smart
- Ford: Mondeo / S-Max / Galaxy / C-Max / Focus / T6
- Renault: Espace / Velsatis
- Peugeot: 207
- Seat: Exeo

Typical foam types:

- chemically crosslinked PE foams
density 33 – 150 kg/m³, 3-4 mm
- chemically crosslinked PE foam
density 60 kg/m³, 4 mm with siliconised PE-foil
- physically crosslinked PE foam
density 60 kg/m³, 4 mm with siliconised PE-foil

BUSINESS UNIT AUTOMOTIVE

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