

Sourcing reference for cavity foam,  
refer to BMW Parts Service.

**Caution!**

The cavity foam may only be use for cavity sealing at the points at which cavity sealing is present as standard!

The following repair represents the replacement of a shaped part for the cavity seal by the use of cavity foam.

This type of cavity sealing is used at points at which shaped parts cannot be used for repairs.

This is the case if great heat (e.g. by welding, soldering or tinning) has to be applied in direct vicinity or at point of standard cavity seal after shaped parts for cavity sealing have been fitted.

Here the installation of shaped parts for cavity sealing is not possible due to the fire danger and possible damage to the structure of the shaped part!

To replace shaped parts with cavity foam at further locations, adopt the procedure shown here and adapt it to the relevant conditions.

It must be ensured that the cavity is completely sealed off.

**Caution!**

If cavities are connected to the outside area of the body and complete sealing is not carried out, then penetrating moisture may damage or destroy electrical components installed in cavities.

**Note:**

Check the accessibility for the spraying pipe of the cavity foam to the affected cavity after removing the damaged part.

Location of shaped parts,

refer to arrangement of shaped parts in cavity seal

Further work,

refer to Installation of cavity seal for cover for side member,

refer to Installation of shaped parts for cavity seal, except for cover for side member

Properties of cavity foam:

- 2K-PUR foam, solvent-free.
- Excellent flow capacity, enabling complete sealing of cavities.
- Good strength, preventing slipping in cavities.
- Low water absorption, preventing corrosion.

### Caution!

Observe processing instructions and safety precautions on the spray can!

- Use by date on can.

Do not use spray can after date marked on can, as then the properties of the cavity foam no longer meet the requirements of BMW AG.

- Before application on the vehicle, it is advisable to fill a well visible cavity of appropriate size with foam on an old part.

This enables an optimal dosage (i.e. spraying time) to be specified for filling the cavity on the vehicle with foam.

- Substrate must be clean and free from dust, grease, oil and stripping agent.

Note:

If vapors are produced when the foam is removed, these must be extracted. Ensure the area is well ventilated.

- Application temperature: 20 °C.
- Tape off open passages to visible areas with adhesive tape to prevent foam from escaping.

The foam can only be completely removed mechanically, even when not completely hardened.

- Application time after mixing: within 8 minutes.
- Do not eat, drink or smoke during this operation.
- Completely empty open can after use.
- Cavity sealing of repair area is possible after a ventilation time of 1 hour.