

## GUTTERS

### TECHNICAL PROBLEMS

Metal gutters are subject to severe corrosion problems, since collected water is often stagnant and corrosive, frequently causing perforated gutters.

Water downpipes can become blocked, and the snow or ice can form in gutters, also creating local waterproofing problems that must be solved.

### TRADITIONAL SOLUTION

**Sand blasting + paint:** this solution provides an anti-corrosion protection, but no waterproofing. It must be repeated every 3 or 5 years.

**Application of a multi-layer of alu pax:** does not guarantee long lasting anticorrosion protection. The waterproofing plus metal combination is not stable when exposed to weather for long periods.

### SOUPLETHANE TECHNIQUE

SOUPLETHANE performs several functions:

- anticorrosion: due to the excellent bond on the substrate capable of following all substrate dimensional changes and due to a perfectly gastight and watertight film.
- waterproofing: bridges over all holes, cracks, due to a continuous coating.

The system waterproofing may be improved by connecting the gutter to the roof by installing glass fabric (for protection in the case of blocked rainwater pipes and ice formation).

- mechanically resistant to wear (punching of pedestrian areas, cleaning stresses)
- easy maintenance (easy cleaning: particles do not stick to SOUPLETHANE).

If the substrate is satisfactory, SOUPLETHANE has a ten-year waterproofing guarantee.

### TEST REFERENCES

- Resistance: UV and chemical agents (SGN Lab. Rhône Poulenc)
- Bond on steel: > 100 Bars
- Corrosion: 2 000 h in salt spray without trace of corrosion (SNCF Lab., Test)



### SPECIFICATION

- **prepare the substrate:**
  - sand blast, if necessary, otherwise mechanical brushing or cleaning.
- **apply SOUPLETHANE:**
  - 1.5 to 2 mm thick application of SOUPLETHANE, depending on how badly the substrate is attacked. For severely damaged gutters, glue a cloth roving completely on the substrate to bridge all holes and to recreate a continuous surface.

### WORK REFERENCES

- DASSAULT / Boulogne
- Renault
- Unipierre