

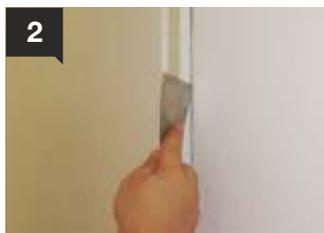
5. Problem: Minor repairs

Minor repairs are not required only in old structures, which may demand maintenance, but also in new ones, due to wrong choice of materials or bad application. Below are some of the most common problems that can appear in a structure.

REPAIR OF CRACKS BETWEEN DOOR FRAME AND WALL



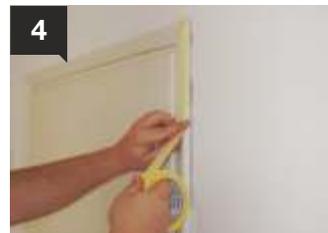
1
The wrong choice of materials for sealing the joint between the door frame and the wall, has led to the appearance of cracks.



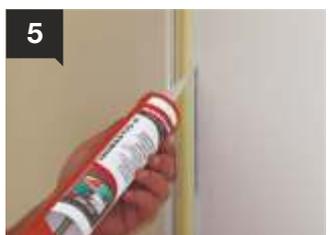
2
Firstly, the crack is widened to a width of 3 mm.



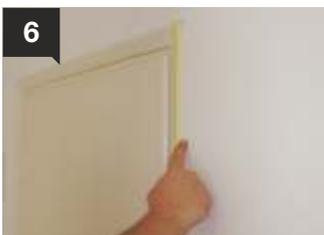
3
The surface is thoroughly cleaned of dust.



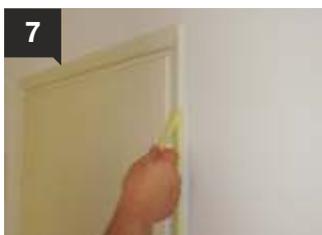
4
The use of paper adhesive tape is necessary in order to prevent any smear of the door frame.



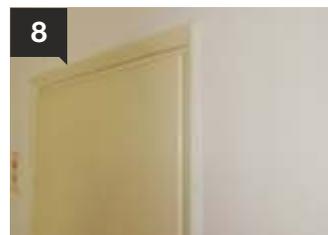
5
The crack is sealed with the acrylic mastic **ISOMASTIC-A**.



6
The acrylic sealant is smoothed, while it is still fresh.



7
Right afterwards, the paper tape is removed with caution.



8
After **ISOMASTIC-A** has dried, the area of the crack is painted alongside.

PRODUCTS

- **ISOMASTIC-A** Elastoplastic acrylic mastic

REPAIR OF RUSTY METAL RAILINGS



1
The influence of water resulted in the rusting of the base of the railing, a situation that needs to be confronted immediately, as it makes the whole construction dangerous.



2
Firstly, the joint between the marbles is thoroughly cleaned with a sharp tool. The base of the railing is cleaned of any rust and checked to see if the metal is completely destroyed.



4
If the railing is not destroyed from the rust and its replacement is not necessary, it is primed with **ISOLAC RUST PRIMER**.



5
FLEX-COVER is prepared: A-component is added into B-component under continuous stirring.



6
The surface is slightly dampened and **FLEX-COVER** is applied on the joint with a putty knife.



7
Finally, after **FLEX-COVER** has dried, the railing is painted with **ISOLAC DUCO**.

PRODUCTS

- **FLEX-COVER** Two-component, flexible putty. Consumption for sealing joint of 5 mm x 5 mm: 40 g/m of joint length
- **ISOLAC DUCO** High-gloss, extra tough enamel paint for metal surfaces. Coverage: approx. 15 m² per liter, per layer
- **ISOLAC RUST PRIMER** Anti-rust primer for metal surfaces. Coverage: approx. 13 m² per liter, per layer

FIXING OF DETACHED RIDGES



The detachment of ridges is a problem that usually occurs when their fixing is made using a low quality cement mortar.



Firstly, the surface is cleaned of any loose materials or dust.



Subsequently, the surface is well dampened.



DUROCRET (red-brown color) is added into water under continuous stirring, until a mixture of the desired workability is formed.



DUROCRET is applied with a trowel as usual where the ridge must be placed.



Subsequently, the ridge is fixed and leveled using a thread.



Finally, any **DUROCRET** leftovers are removed and the surface is well smoothed.



The use of **DUROCRET** in red-brown color improves the appearance of the roof.

PRODUCTS

- **DUROCRET** Polymer-modified, repairing cement mortar. Consumption: approx. 15 kg/m²/cm of layer thickness

FIXING OF STAIR RAILS TO WALL



Fixing rails into the wall is an application that requires speed and great stability.



Firstly, the surface is cleaned of any dust, etc.



Subsequently, the surface is thoroughly dampened.



RAPICRET is added into water under continuous stirring, until a mixture of the desired workability is formed.



The material is applied by pressure using a trowel, as usual.



Subsequently, the surface is smoothed with a moist brush.



RAPICRET starts to harden after 15 min. and the rail is almost stabilized.



The next day, the surface is ready to be painted with **ISOMAT CLASSIC**.

PRODUCTS

- **RAPICRET** Fast-setting cement patching mortar. Consumption: approx. 17.5 kg/m²/cm of layer thickness
- **ISOMAT CLASSIC** High quality emulsion paint for interior use. Coverage: approx. 12 m² per liter, per layer