

Repair instructions for Alvenius thermoplastic coated pipes and pipe fittings

These instructions are to be used in field work when repairing a mechanical damage to the thermoplast coating. The instructions are applicable to minor damages, e.g. a scratch or a hole in the plastic coating. When in doubt and for larger damages, please contact Alvenius Industrier for information.

Suitable equipment: Alvenius repair kit containing; soldering adapter, a bag with Alvenius thermoplastic powder and thermoplastic strips.

Supplementary equipment: Knife, wire brush, emery cloth, LP-gas, cloth and cleaning spirits.



Damaged coating

1. Cut away any loose plastic and ragged coating around the damaged area with a knife.

Make sure that the area to be repaired is clean and free from rust by wire brushing it.



2. Rub down the damaged area with an emery cloth.



3. Clean the damage and the area around it with cleaning spirits to ensure that all grease/oil is removed.



4. With the LP-gas burner, pre-heat the damaged area and the plastic around it until the rim of the plastic starts to melt. If the plastic becomes pale yellow, there is too much heat.



5.
A) If the damaged area is circular, shake or pour plastic powder over the damaged surface and heat carefully until the powder melts. Repeat this procedure until the damaged area is filled in with plastic.

B) If the damage is a scratch, use the soldering adapter and melt the plastic until the scratch is filled. Use thread or strips if the scratch is wide.



6. When the repair is correctly carried out the coating of the repaired area will be at least as thick as the rest of the coating and the product will have a complete corrosive protection.



7. To achieve the same lustre as the rest of the product, reheat the surface carefully and the lustre will appear on the repaired area.

Item No	Item
30 0051 000	Alvenius repair kit Cont: Soldering adapter Thermoplastic powder and stripes
30 0052 000	Alvenius repair kit Cont: Thermoplastic powder and stripes



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