



# Stålplast Chemical Metal

TECHNICAL PRODUCT DATA SHEET

2019-09-23

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## Product description:

Stålplast Chemical Metal is a 2-component polyester putty.

## Range of Applications:

Stålplast Chemical Metal is used in sealing of leaking gasoline tanks, elements, pipes, water tanks, gutters etc. The product is resistant to gasoline, coolant, oil, water, etc. The product is also excellent for repairing and joining for example wood, metal, porcelain, concrete. It gives after about 10 minutes of curing a very strong and proof repair or joining.

## TECHNICAL DATA:

PARAMETER	VALUE	UNIT	METHOD
Base material	Unsaturated polyester		
Hardener type	50% benzoyl peroxide		
Density	1,85	kg/l	
Flash-point	+31	°C	
Fire class	2b		
Gelling time	Around 5min at +25°C(2% hardener)		
Drying time	10-15min		
Shelf life	18 months		

## Preparation:

Thoroughly clean the surface to be coated. Grind away rust and old paint. Make sure the repair surface is absolutely dry.

## Directions for Use:

Stålplast Chemical Metal component A is thoroughly mixed with 2-3% hardener component B on for example a mixing disc. If too little or too much hardener is used, the properties of Stålplast Chemical Metal deteriorate. Do not mix more at a time than is consumed within 5 minutes.



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## Application:

The surface to be repaired or joined must be dry and clean from dust, oil, wax, grease or other dirt. Degrease with thinner or Hagmans Silicone Remover and wipe off. Most of the materials have the best adhesion if you first sand the surface with a coarse sandpaper. When leaking gasoline tanks, elements, pipes, water tanks, apply a layer of at least 5 mm thick with Chemical Metal over the entire repair surface plus 3-4 cm outside the repair surface, this is to get the best results. After curing (about 15 minutes), suitably added another layer. Sanding between each layer. When it applies to the repair of pipes that are subject to constant pressure, reinforcement with fiberglass fabric is recommended. Impregnate a fiberglass strip with pre-mixed Chemical Metal and wrap around the tube.

## Finishing:

Can be ground and drilled in after about 15 minutes.  
Withstand temperatures between - 40 ° C and + 130 ° C.

## Packs:

Article number:

10870 0.18 L

10871 0.55 L