

# DINITROL 6090 METALU<sup>2K</sup>

## Metal-hard 2-C filler with high mechanical strength

DINITROL 6090 Metalu 2K is used, for example, in sheet metal repairs on vehicle bodywork and is especially suitable for thick layers and the repair of severely rusted areas. Even after filling, it maintains its dark grey colour.

- » Metal properties
- » Quick curing for repairs that required fast processing
- » High final hardness
- » Simple further processing such as milling, drilling and filling
- » In thick layers, outstanding when used for renovation work



### Equipment

**DINITROL Industrial Nitrile Gloves XL**  
Art. No. 1734100

### DINITROL 6090 Metalu<sup>2K</sup>

Art. No.	Size	Package	Color
13041	1,3 kg	Can	Dark grey (Metallic)

# DINITROL 6090 METALU<sup>2K</sup>

## Technical Details

### Product Description

DINITROL 6090 Metalu 2K is a metal-hard 2-component putty with high mechanical strength.

### Features

- Metal characteristics
- Quick hardening for repairs requiring quick turn-around
- High final strength
- Easy further processing such as milling, drilling, filing and thread cutting once hardened
- In thick layers applied excellent for renovation work

### Application

DINITROL 6090 Metalu 2K is used, for example, in sheet metal repairs on vehicle bodywork. DINITROL 6090 Metalu 2K is especially suitable for thicker layers and the repair of severely rusted areas. Even after filing, DINITROL 6090 Metalu 2K maintains its light,

aluminium colour. As a result of this, the material is an excellent aid in renovation work (i.e. casting defects in aluminium cast parts). Threads can be cut on hardened DINITROL 6090 Metalu 2K.

The substrate must be dry and in good condition, free from grease, mill scale and rust. Carefully mix the required amount of Metalu with 0.5 – 2% hardener and apply to the filed substrate. Layer thicknesses of up to approx. 4 mm can be applied in one process. Even in small areas, thicker layers should be applied in several processes. The former layer should be completely dry before applying the next one. After 20 – 30 minutes, the putty can be filed. Any pores opened during filing can be filled with Microplast Fine Putty or DINITROL 6060 (polyester spray filler).

Depending on the amount of hardener added, the working time is:

2% hardener pot life 5 minutes

1% hardener pot life 9 minutes

### Pre-Treatment Substrates

The putty hardens and adheres well to sheet steel, cast iron and cast aluminium. Once hard, DINITROL 6090 Metalu 2K can be sawn, drilled, filed and milled.

### Over-Coating

Refinish fine fillers with DINITROL 6090 Metalu 2K or DINITROL 6050

For additional information, please consult DINOL GmbH.

### Important

DINITROL 6090 does not harden at temperatures below 5°C. Avoid overdosing the hardening paste, otherwise the possibility of discolouration cannot be excluded. Packaging should be closed immediately after removal.

## Technical Data

Colour	dark grey
Base	unsaturated polyester resin
Density	~ 1,45 g/ml
Processing time	5 – 9 minutes
Consistency	pasty
Flash point	31°C
Hardening system	Benzol peroxide paste DINITROL 6064
Storage period	between 15°C and 25°C 12 months
Available in	1 kg Can

### Hazards identification

#### 2.1. Classification of the substance or mixture

GB CLP Regulation

Flam. Liq. 3; H226; Skin Irrit. 2; H315; Eye Irrit. 2; H319; Skin Sens. 1; H317; Repr. 2; H361d; STOT SE 3; H335; STOT RE 1; H372; STOT RE 2; H373; Aquatic Chronic 3; H412

**For all relevant safety advices please read the material safety data sheet or the packaging label.**