

DINITROL 6090 METALU^{2K}

Metal putty

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 light, dark grey colour.

» Metal characteristics

» Quick hardening for repairs requiring quick turnaround

» High final strength

» Easy further processing such as milling, drilling and filling

» In thick layers applied excellent for renovation work



Equipment

DINITROL Industrial Nitrile Gloves XL
Art. No. 1734100

DINITROL 6090 Metalu^{2K}

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

a brand of



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All data and recommendations are the result of careful tests by our laboratories. They only can be considered as recommendation which correspond to the level of experience of today. The data are given in good faith. However, in view of the multiplicity of possible application and working methods we are not in a position to assume any responsibility or obligations deriving from the misuse of our products. Therefore, a contractual legal relationship is not justified, and there are no secondary obligations arising from any purchase contracts.

DINITROL 6090 METALU^{2K}

Technical Details

Product Description

DINITROL 6090 Metalu 2K is a metal-hard 2-component synthetic 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 6052 Polybond Soft Express Micro or DINITROL 6060 Polyfill 2K. Scraping areas and spatulaing with suitable primers or primers such. Prime DINITROL 6110.

Filler with DINITROL 6715 Acry-Fill 2K / DINITROL 6716 Acry-Fill 2K or suitable filler. 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

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