

OKM DUR

Rigid PU for lasts

Creates non-expansive, extremely hard polyurethane, developed for the manufacture of made-to-measure moulds for insoles and shoes and Chopart prosthesis etc.

- Corrections and reductions can be made using a grinding wheel.
- Additions may be made, where necessary, with plaster or mastic.
- Allows the application of staples and studs.

Instructions for Use

1. Once the patient's mould is dry, apply a layer of OKM Desmold L isolating de-moulder on the lower part of the plaster mould (this product will prevent moisture from entering the PU and will allow for later de-moulding of the piece)

Important

- Moulds must be slightly moist to apply OKM Desmold L.
 - When applying OKM Desmold L, it must be done without rubbing the brush, simply wetting the surface (dabbing). In this way we will avoid OKM Desmold L from coagulating with the plaster and producing annoying lumps on the brush. The inside of the mould can also be coated with OKM Desmold L.
 - Throw away any surplus OKM Desmold L. Do not pour it back into the OKM Desmold L container so as to not contaminate unused product.
 - To wash the brush, use a soapy water solution.
2. Preparation of the mixture
 - 2.1> Pour the necessary amount of OKM DUR in a mixer cup or bucket.
 - 2.2> Add the dose of OKM Micro F (30 parts for each 100g of OKM DUR).
 - 2.3> Stir MANUALLY until a homogenous mixture is obtained.
 - 2.4> Add OKM ISO 110 (50 parts per 100 parts of OKM DUR, without counting the weight of the OKM Micro F).
 - 2.5> Stir MANUALLY until a homogenous mixture is obtained.
 - 2.6> Before the PU has time to react, pour the mixture inside the mould. If the filling is made using phenolic foam for insoles, it is not necessary to apply the OKM Desmold L de-moulder.
 3. After around 25 minutes the plaster straps can be removed (or phenolic foam) and the mould can then be rectified.



OKM Dur

Precautions

- Carefully read the instruction labels on all products.
- Use protective glasses, gloves and apron.
- Shake tin well before use.
- Close tin properly before after each use.
- Observe mixture proportions.
- Weigh using precise scales.
- Use on clean, smooth and dry surfaces.
- Only mix using OKM shakers.
- The working temperature should be around 22°C. Changes in temperature and ambient humidity can alter the properties of the products.
- Store products between 15°C and 25°C.

TECHNICAL SPECIFICATIONS - OKM DUR	
PRODUCT TYPE	
POLYURETHANE TYPE	Rigid non-expansive
ISOCYANATE	ISO 110
MIXTURE PROPORTION	100/52
MIXING TYPE	Manual
MIXING TIME (Sec)	20 - 25
CREAM TIME (Sec)	
TOUCH TIME (Sec)	60 - 70
DENSITY (GR/L)	1000
EXPANSION	0
SHORE HARDNESS	70D

MATERIAL TO USE			
PRODUCT	2 kg	5 kg	25 kg
OKM DUR	LG3051	LG3053	LG3057
OKM Micro F	LG3059		
OKM Desmold L	LG3029		
OKM ISO 110	LG3045	LG3047	LG3049