

# OKM Copy

## Flexible PU for copying prosthetic fittings

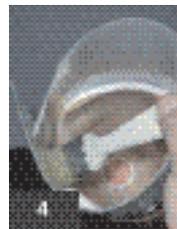
Non-expansive system that allows prosthetic fittings common in orthopaedics to be reproduced, without creating undue problems for the patient.

- As this is a non-expansive PU, a faithful copy of the fitting can be obtained.
- Allows lamination previous to fitting the PVA cover.

### Instructions for Use

1. Attach window tape to seal.
2. Make a 1mm polythene container.
3. Seal the parts where the copier may leak with plasticine.
4. Apply a thin layer of OKM Desmold F demoulder (using a paint brush or spray) on the whole surface where the copier will have contact.
5. Fit the mould so that any surplus OKM Desmold F can drain off.
6. Preparation of the mixture
  - 6.1> Pour 500g of OKM Copy in a glass or bucket.
  - 6.2> Add 225g of OKM ISO 170.
  - 6.3> Mix at 2500 rpm for 60-90 seconds.
  - 6.4> Before it has time to react, pour the PU in the mould.
7. Turn the mould over and over in order to achieve a uniform layer of PU on the whole surface to copy.
8. End the coating when the product is set.
9. If the coating has not covered all parts of the mould to copy or the layer is too thin, apply another coating.
10. When the copying process has finished, wait for 20 minutes before removing the copier from the mould.
11. To attach the laminated tube, fit the mould inside a bucket of water where filling with plaster will take place.

**Note:** a plaster dip can also be made and once it has set, fill in the rest also with plaster to fix the laminated tube.
12. If we want to increase the size of the mould or smoothen it with mastic, clean the demoulder off the mould using acetone.
13. If we want to reduce the size, use a polisher or milling machine.
14. When any modifications have been finished, we can fit a laminated PVA liner as if it were a conventional mould.



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## 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 COPY	
PRODUCT TYPE	
POLYURETHANE TYPE	Flexible non-expansive
ISOCYANATE	ISO 170
MIXTURE PROPORTION	100/42
MIXING TYPE	2500 rpm
MIXING TIME (Sec)	90" - 100"
CREAM TIME (Sec)	
TOUCH TIME (Sec)	5' - 7'
DENSITY (GR/L)	1000
EXPANSION	
SHORE HARDNESS	75A

MATERIAL TO USE					
PRODUCT	1 kg	1.5 kg	2 kg	5kg	25kg
OKM COPY	LG3097				
OKM ISO 170			LG3013	LG3015	LG3017
OKM Desmold F		LG3027			