

MULTIMOLD

Reusable flexible mould compound

WHAT IS MULTIMOLD ?

MULTIMOLD compound is meltable compositions used for the preparation of flexible moulds. Used as alternative to silicone rubbers, polyurethanes and latex in the casting of concrete, gypsum, polyester resins, reconstituted stone and glass fiber laminates. It is a highly plasticised PVC compound giving a flexible and durable product that is non-toxic.

WHERE TO USE MULTIMOLD ?

- Construction**
 Prefabricated concrete panels, paving, decorative panels, ornaments, roof tiles and products made from GRC (Glass Reinforced Concrete) and Gypsum.
- Interior Decoration**
 Ceiling and wall embellishments, coving, cornices, friezes, decorative effects, furniture, mirror/picture surrounds, false beams - wood/stone, brick simulation, doors, plaques, suspended ceilings, acoustic and thermal insulating tiles.
- Souvenirs**
 Replicas of antique items, figurines, dolls heads, masks, historical replicas.
- Arts and Crafts**
 Sculpture replicas, fossil casts.



Exceptional details reproduction

WHY USE MULTIMOLD ?

GENERAL PROPERTIES

- Cost Effective**
 MULTIMOLD is cost effective as old moulds can be melted down, mixed with new MULTIMOLD and re-used.
- Detailed reproductions**
 Exceptional detailed reproductions.
- Use**
 MULTIMOLD has a built in release agent allowing easy extraction from moulds. It is solid at room temperature.
- Durability**
 MULTIMOLD has good abrasion resistance.
- Flexibility**
 MULTIMOLD retains flexibility whilst remaining tough.
- Safety**
 MULTIMOLD is non-toxic provided the usage instructions are followed.

TECHNICAL SPECIFICATIONS

	Standard	Units	Typical Value
Natural Color / Bege			
Shore hardness	ASTM D 2240	Shore	20
Tensile strength at break	ISO 37	MPa	0,29
Elongation at break	ISO 34	%	178
Tearing resistance	ISO 34	kN/m	1,8
Abrasion resistance	ISO 5470 (1999) Taber 1000 revs/H22	mg/100u	89
Melting pot temperature	-	°C	150 to 170
		°F	302 to 338
Pouring temperature	-	°C	140 to 150
		°F	284 to 302
Density	ISO 1183	g/cm ³	1,13

Suitable for large realisation

