



Madespa

Plaster

Investment
material

Backed by over 35 years of experience in the manufacture of dental plaster, we have developed and completed our range of Ventura plaster products in order to offer the most suitable type of plaster for each specific use.

Our experience, control equipment, and production systems enable us to develop the best formulations, with the aim of producing dental plaster of the highest quality.

Thanks to our production equipment, a fully equipped testing laboratory, and quality control processes, we have developed and improved a complete range of products, all of which comply with the requirements of ISO 9001.

Working closely with dental plaster users enables us to manufacture the best products for the most demanding needs.



Syntech Rock

Extra-hard synthetic type IV plaster for fixed prosthetics.

Especially indicated for:

Demanding fixed prosthetic work such as the construction of models for bridges and crowns, inlays, removable cores, and implants.

Features and benefits:

Our highest compressive strength combined with low expansion and high thixotropy to reproduce even the smallest details make this new synthetic plaster the best option for fixed prosthetic work. Its excellent flow and creamy consistency facilitate handling.

Bubble-free pours.

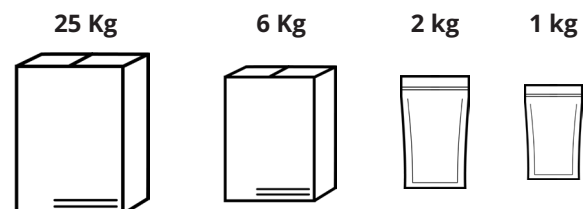
Models do not chip.



Properties:

Mixing ratio:	20 ml / 100 g.
Vacuum mixing:	1'.
Manual mixing time:	--.
Working time:	7'.
Setting time (Vicat):	8'-12'.
Setting expansion (2h):	0,08%.
Compressive strength (1h):	52 MPa.
Demoulding time:	45'.
Colour:	Golden brown.

Colour: ●



Superdie Rock

Extra-hard natural type IV plaster for cores

Epecially indicated for:

The construction of models for bridges and crowns, inlays, and removable cores.

Mechanical mixing under vacuum is recommended.

Features and benefits:

High compressive strength and low expansion.

High thixotropy that reproduces even the smallest details.

With light vibration, it achieves high flow.

Does not chip.

The neutral grey version is ideal for ceramic work.

Compatible with all impression materials.

Compliant with ISO 6873 standard.



Properties:

Mixing ratio: 20 ml / 100g.

Vacuum mixing: 1'.

Manual mixing time: --.

Working time: 7'.

Setting time (Vicat): 11'.

Setting expansion (2h): 0,07%.

Compressive strength (1h): 48 MPa.

Demoulding time: 45'.

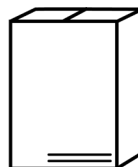
Colour: Golden brown.

White.

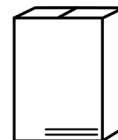
Grey.

Colour: ● ● ○

25 Kg



6 Kg



2 kg



1 kg



Ivory Rock

Natural type IV plaster for models with removable and detachable

Especially indicated for:

Used for removable cores for crowns and bridges, and total or partial removable prostheses made either in conventional moulds or by injection

It is also recommended for skeletal models.

Features and benefits:

Low expansion and high surface hardness.

Thixotropic.

Its optimal flow under vibration allows reproduction.

With fidelity, all the details of the impression.

Compatible with all impression materials.

Compliant with ISO 6873 standard.



Properties:

Mixing ratio: 22 ml / 100g.

Vacuum mixing: 30".

Manual mixing time: 1'.

Working time: 8'.

Setting time (Vicat): 11'.

Setting expansion (2h): 0,09%.

Compressive strength (1h): 43 MPa.

Demoulding time: 45'.

Colour: Ivory.

Colour: ●



Pinkmod

Most sold natural Type IV plaster in Spain

Especially indicated for:

Models of crowns and bridges, antagonists, partial/total prostheses, and skeletal models.
Its gingival pink colour makes it widely used in dental clinics.

Features and benefits:

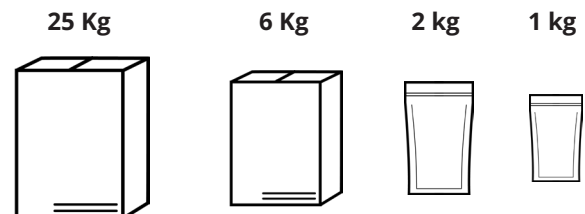
Low expansion and high surface hardness.
Thixotropic.
Its optimal flow under vibration allows it to faithfully reproduce all the details of the impression.
Compatible with all impression materials.
Compliant with ISO 6873 standard.



Properties:

Mixing ratio:	22 ml / 100 g.
Vacuum mixing:	30".
Manual mixing time:	1'.
Working time:	8'.
Setting time (Vicat):	11'.
Setting expansion (2h):	0,09%.
Compressive strength (1h):	43 MPa.
Demoulding time:	45'.
Colour:	Gingival pink.

Colour: ●



Extrawhite Hard

Extra-hard type IV plaster, very white.

Especially indicated for:

Used for making models for aesthetic work with ceramic veneers, inlays/onlays/overlays, ensuring the precise reproduction of shading.

Manufacture of high-precision orthodontic models.

Features and benefits:

High compressive strength.

Optimal flow.

Compatible with all impression materials.

Compliant with ISO 6873 standard.



Properties:

Mixing ratio: 22 ml / 100 g.

Vacuum mixing: 30".

Manual mixing time: 1'.

Working time: 8'.

Setting time (Vicat): 11'.

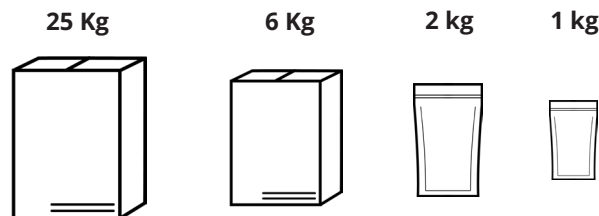
Setting expansion (2h): 0,08%.

Compressive strength (1h): 43 MPa.

Demoulding time: 45'.

Colour: Bright white.

Colour: ○



Extrawhite

Bright white Type III plaster for orthodontics

Especially indicated for:

Models for all types of orthodontic work.

Models for antagonists.

Features and benefits:

Plaster produced with selected rock to ensure a very white, homogeneous, and compact product.

The model does not deform during the polymerisation of acrylic resins.

Market leader due to its fine granulometry and bright white colour.

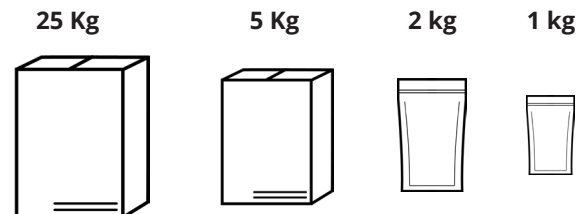
Compliant with ISO 6873 standard.



Properties:

Mixing ratio:	26 ml / 100 g.
Vacuum mixing:	30".
Manual mixing time:	1'.
Working time:	8'.
Setting time (Vicat):	10'.
Setting expansion (2h):	0,13%.
Compressive strength (1h):	34 MPa.
Demoulding time:	45'.
Colour	Bright white.

Colour: ○



Stone

High-performance Type III hard plaster.

Especially indicated for:

For all types of removable prostheses, full or partial, including skeletal and antagonist models.

Features and benefits:

Tixotropic product, with light vibration it achieves a flow that ensures optimal reproduction of details.

Excellent water/powder ratio.

It is compatible with all impression materials.

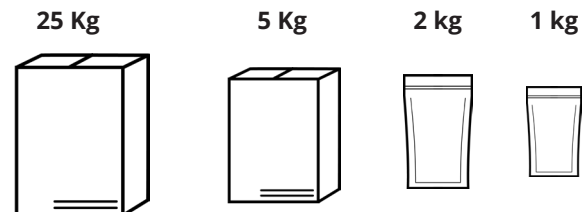
Compliant with ISO 6873 standard.



Properties:

Mixing ratio:	26 ml / 100g.
Vacuum mixing:	30".
Manual mixing time:	1'.
Working time:	8'.
Setting time (Vicat):	10'.
Setting expansion (2h):	0,13%.
Compressive strength (1h):	38 MPa.
Demoulding time:	45'.
Colour:	Yellow Blue Pink

Colour: ● ● ●



Basic Stone

Natural Type III hard plaster

Especially indicated for:

Full or partial removable prostheses

Antagonist models.

Features and benefits:

With optimal flow, its consistency ensures the faithful reproduction of the details of the impression.

It is compatible with all impression materials.

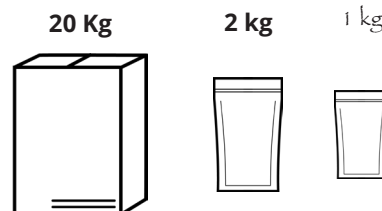
Compliant with ISO 6873 standard.



Properties: Basic Stone Basic Stone Fast

Mixing ratio:	30 ml / 100 g.	30 ml / 100 g.
Vacuum mixing:	30".	30".
Manual mixing time:	1'.	1'.
Working time:	8'.	6'.
Setting time (Vicat):	10'.	8'.
Setting expansion (2h):	0,15%.	0,15%.
Compressive strength (1h):	34MPa.	24MPa approx.
Demoulding time:	45'.	15'.
Colour:	Yellow. Blue. Pink. Green.	Yellow.

Color: ● ● ● ●



Occlusion Stone

Type III hard plaster for precision articulators

Epecially indicated for:

Fixing of gnathological instruments such as adjustable and semi-adjustable articulators.

Production of immediate models.

Baseplates for milling.

Features and benefits:

Short setting time that ensures quick model mounting.

Low expansion for high-precision mounting of models in the articulator.

Compliant with ISO 6873 standard.



Properties:

Mixing ratio: 28 ml / 100g.

Vacuum mixing: 15".

Manual mixing time: 3'.

Working time: 3'.

Setting time (Vicat): 4-5'.

Setting expansion (2h): 0,01%.

Compressive strength (1h): 24 MPa.

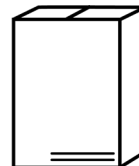
Demoulding time: 20'.

Colour: Snow white.

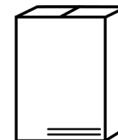
Colour:



25 Kg



5 Kg



2 kg



1 kg



Paris

Type II plaster for general-purpose use.

Especially indicated for:

Recommended for model mounting in the articulator.

Study models.

Filling of moulds.

Features and benefits:

Superfine white plaster with controlled granulometry.

Controlled expansion.

Compliant with ISO 6873 standard.



Properties:

Mixing ratio: 45 ml / 100 g.

Vacuum mixing: 1'.

Manual mixing time: 1'.

Working time: 5'.

Setting time (Vicat): 7'.

Setting expansion (2h): 0,09%.

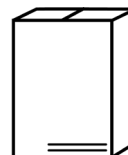
Compressive strength (1h): 10 MPa.

Demoulding time: 45'.

Colour: White.

Colour: ○

18 Kg



2 kg



1 kg



Snow Soft

Type I plaster

Especially indicated for:

For orthodontic study models and welding and articulation transfers.

Features and benefits:

Easy to mix, fast setting time, and low expansion

Compliant with ISO 6873 standard.



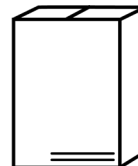
Properties:

"Mixing ratio:	94 ml / 100g.
Vacuum mixing:	30".
Manual mixing time:	1'.
Working time:	8'.
Setting time (Vicat):	12'.
Setting expansion (2h):	0,05%.
Compressive strength (1h):	4-7 MPa.
Colour:	White.

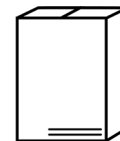
Colour:



20 Kg



4,5 Kg



2 kg



1k g



Stonic

Especially indicated for:

All situations requiring a Class III plaster.

The creation of plaster moulds,
the fabrication of whitening trays, stabilisation trays,
mouthguards, and night guards.

Features and benefits:

Unique mixing system, clean, fast, and easy.

Fast setting: 10 minutes setting time.

Smooth and strong.

Unique formula: allows the creation of bubble-free moulds without the need
for a vibrating table.

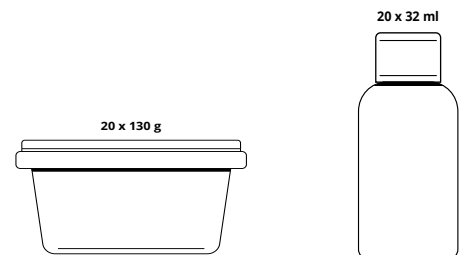
Ready to use: produces moulds without the need for specialised laboratory
equipment.



Properties:

- Mixing ratio: 32 ml / 130 g.
- Manual mixing time: 15" - 30".
- Working time: 4'.
- Setting time (Vicat): 8' - 12'.
- Setting expansion (2h): <0,25%.
- Compressive strength (1h): 25 - 35 MPa.
- Demoulding time: 15'.
- Color: White.

Color: ○



Superseal

Separator varnish for acrylic resins and plasters

Especially indicated for:

Quick-drying separator varnish for plaster-to-plaster and plaster-to-acrylic resins.

The application of this product allows easy separation of the acrylic after polymerisation (self-curing and heat-curing) without altering its dimensions.

It is also an ideal separator agent in the fabrication of temporary restorations and in the repair of acrylic structures that require plaster moulding.

Features and benefits:

Ventura Superseal dries very quickly and allows for perfect separation.

It does not contaminate the resin or the colour.







Great stability without layer formation.

















It gives the plaster a smooth, high-gloss finish.



Plaster table







Technical data


















	Syntech Rock <div>  </div>	Superdie Rock <div>    </div>	Ivory Rock <div>  </div>	Pinkmod <div>  </div>
ISO 6873 TIPO	IV	IV	IV	IV
Proportion (ml / 100g)	20/100	20/100	22/100	22/100
Mechanical mixing time under vacuum	1'	1'	30"	30"
Manual mixing time	-	-	1'	1'
Working time (min)	7'	7'	8'	8'
Demoulding time (min)	45'	45'	45'	45'
Setting time (VICAT) (min)	8'-12'	11'	11'	11'
Expansion 2h (%)	0,08	0,07	0,09	0,09
Compressive strength 1h (MPa)	52	48	43	43

Extrawhite Hard 	Extrawhite 	Stone   	Basic Stone    	Basic Stone Fast    	Occlusion Stone 	Paris 	Snow Soft 
IV	III	III	III	III	III	II	I
22/100	26/100	26/100	30/100	30/100	28/100	45/100	94/100
30"	30"	30"	30"	30"	15"	1"	30"
1'	1'	1'	1'	1'	3'	1'	1'
8'	8'	8'	8'	6'	3'	5'	8'
45'	45'	45'	45'	15'	20'	45'	-
11'	10'	10'	10'	8'	4-5'	7'	12'
0,08	0,13	0,13	0,15	0,15	0,01	0,09	0,05
43	34	38	34	24	24	10	4-7

Plaster table

Applications

		Syntech Rock 	Superdie Rock   	Ivory Rock 	Pinkmod 
Fixed Prosthetics	CAD/CAM	X	X	X	
	Implants	X	X	X	
	Master model	X	X	X	
	Cores	X	X	X	
	Inlays - Onlays	X	X	X	
	Bridges	X	X		
	Skeletal				X
Removable prosthetics	Antagonits				
	Acrylics				X
	Cores				
Orthodontics	Orthodontics				
Others	Bases				
	Mould				
	Articulator				

Extrawhite Hard 	Extrawhite 	Stone   	Basic Stone     	Basic Stone Fast    	Occlusion Stone 	Paris 	Snow Soft 
X	X	X					
		X	X	X			
X	X	X	X	X			
X	X	X					
						X	X
						X	X
					X	X	



Madespa

Investment Material
and Sandblasting



High Vest

Phosphate investment

Universal phosphate investment for all types of alloys used in fixed prosthetics and for injected ceramics

Features and benefits:

Graphite-free.

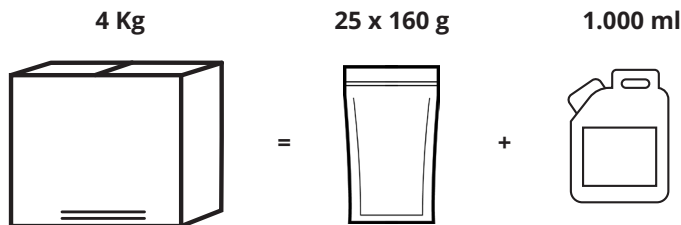
30 minutes of curing.



It can be used with both rapid heating or conventional techniques.

Fine, creamy consistency that provides castings with very smooth surfaces, ensuring a perfect fit.

Working time: approximately 5 minutes.



Glass beads

Lead-free sodium microspheres

Features and benefits:

Specially designed for cleaning and finishing metal surfaces without deforming them.

Suitable for removing the coating in metal-free ceramic techniques.

4,5 Kg



Aluminium oxide

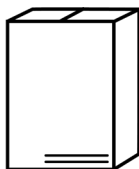
Features and benefits:

Aluminium oxide is used as an abrasive for sandblasting, to improve the adhesion of restorations and in the polishing of materials.

A controlled crystallisation alumina (the hardest after diamond), with high purity (99.60% Al_2O_3), obtained through a strict washing process.

Available in 50 / 100 / 150 / 250 microns."

25 Kg



5 Kg





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