



Madespa

Gypsum

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

Our experience, control equipment and production systems enable us to develop the best formulations, with the aim of producing dental gypsum 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 gypsum users enables us to manufacture the best products for the most demanding needs.



Syntech Rock

Extra-hard synthetic type IV gypsum 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 gypsum the best option for fixed prosthetic work.

Its excellent flow and creamy consistency facilitate handling.

Bubble-free pours.

Models do not chip.

Compliant with ISO 6873 standard



Properties:

Mixing ratio: 20 ml / 100 g

Vacuum mixing time: 1'

Manual mixing time: --

Working time: 7'00" - 11'00"

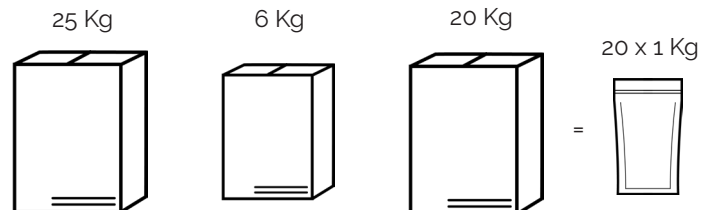
Setting time (Vicat): 8'00" - 12'00"

Setting expansion (2h): $\leq 0,15 \%$

Compressive strength (1h): $\approx 53 \text{ MPa}$

Colour: Golden brown

Colour: ●



Superdie Rock

Extra-hard natural type IV gypsum for dies

Especially indicated for:

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

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 / 100 g

Vacuum mixing time: 1'

Manual mixing time: --

Working time: 7'00" - 11'00"

Setting time (Vicat): 8'00" - 12'00"

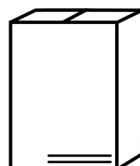
Setting expansion (2h): $\leq 0,08 \%$

Compressive strength (1h): $\approx 45 \text{ MPa}$

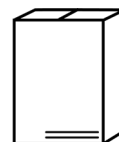
Colour: Golden brown
White
Grey

Colour: ● ● ○

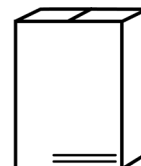
25 Kg



6 Kg



20 Kg



20 x 1 Kg



Ivory Rock

Extrahard type IV gypsum for models with removable dies and removable prostheses

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 / 100 g

Vacuum mixing time: 30"

Manual mixing time: 1'

Working time: 7'00" - 11'00"

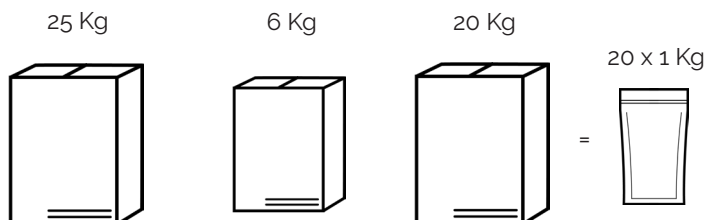
Setting time (Vicat): 8'00" - 12'00"

Setting expansion (2h): $\leq 0,10 \%$

Compressive strength (1h): $\approx 41 \text{ MPa}$

Colour: Ivory

Colour: ○



Pinkmod

Most sold natural type IV gypsum in Spain

Epecially 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 time: 30"

Manual mixing time: 1'

Working time: 7'00" - 11'00"

Setting time (Vicat): 8'00" - 12'00"

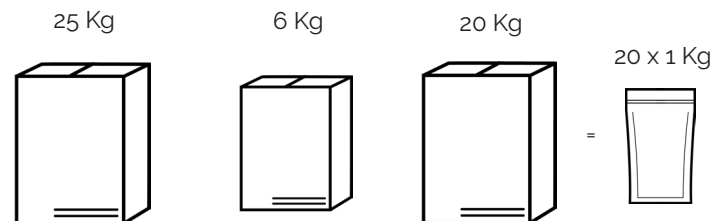
Setting expansion (2h): $\leq 0,10 \%$

Compressive strength (1h): ≈ 41 MPa

Colour: Gingival pink



Colour: ●



Extrawhite Hard

Extra-hard type IV gypsum for high precision orthodontics

Epecially 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 time: 30"

Manual mixing time: 1'

Working time: 7'00" - 11'00"

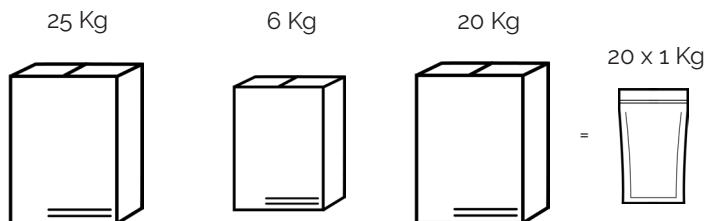
Setting time (Vicat): 8'00" - 12'00"

Setting expansion (2h): $\leq 0,09 \%$

Compressive strength (1h): ≈ 41 MPa

Colour: Bright white

Colour: ○



Resindie Rock

Extra-hard natural type IV gypsum reinforced with resins

Especially indicated for:

Removable dies, master models and antagonists.

Mechanical mixing under vacuum is recommended.

Features and benefits:

An extra-hard gypsum endowed with a high compressive strength and abrasion resistance due to the dense and regular nature of its crystals.

It contains synthetic resins which prevent the die from splintering under the action of the bur.

Compatible with all impression materials.

Compliant with ISO 6873 standard.



Properties:

Mixing ratio: 20 ml / 100 g

Vacuum mixing time: 30"

Manual mixing time: --

Working time: 7'00" - 11'00"

Setting time (Vicat): 8'00" - 12'00"

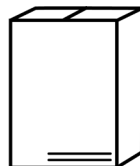
Setting expansion (2h): $\leq 0,09\%$

Compressive strength (1h): ≈ 41 MPa

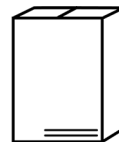
Colour: Apricot

Colour: ●

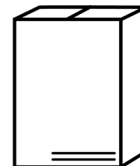
25 Kg



6 Kg



20 Kg



20 x 1 Kg



Fluid Stone

Type IV gypsum for bases

Especially indicated for:

Compact model bases.

Fluid self-levelling stone for compact model bases.

It can be poured into the base former without vibration.

Recommended for all pin system of sectional die stone

Features and benefits:

After setting, the obtained surface is very compact and smooth, thus allowing an optimal separation between the dies.

Due to its low expansion, the obtained models do not suffer from tension caused by expansion differences.

Intense colour that contrast with the model.

Compliant with ISO 6873 standard.



Properties:

Mixing ratio: 24 ml / 100 g

Vacuum mixing time: 30"

Manual mixing time: --

Working time: 7'00" - 11'00"

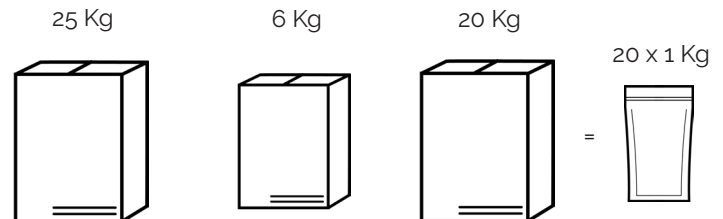
Setting time (Vicat): 8'00" - 12'00"

Setting expansion (2h): $\leq 0,09 \%$

Compressive strength (1h): $\approx 41 \text{ MPa}$

Colour: Cobalt blue

Colour: ●



Extrawhite

Bright white type III gypsum for orthodontics

Especially indicated for:

Models for all types of orthodontic work.

Models for antagonists.

Features and benefits:

Gypsum 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 time: 30"

Manual mixing time: 1'

Working time: 7'40" - 12'20"

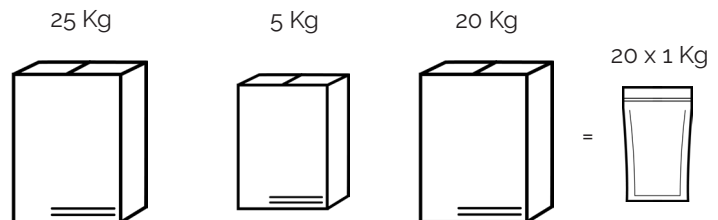
Setting time (Vicat): 8'40" - 13'20"

Setting expansion (2h): $\leq 0,14 \%$

Compressive strength (1h): ≈ 36 MPa

Colour Bright white

Colour: ○



Stone

High-performance type III hard gypsum

Epecially 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 / 100 g

Vacuum mixing time: 30"

Manual mixing time: 1'

Working time: 7'40" - 12'20"

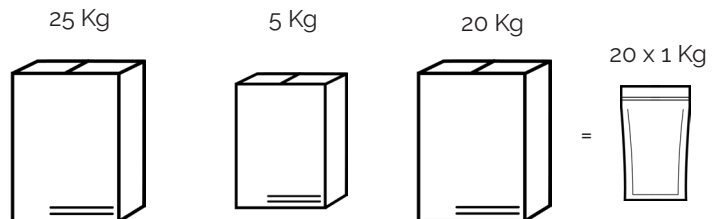
Setting time (Vicat): 8'40" - 13'20"

Setting expansion (2h): $\leq 0,14 \%$

Compressive strength (1h): $\approx 36 \text{ MPa}$

Colour: Yellow
Blue
Pink

Colour: ● ● ●



Basic Stone

Natural type III hard gypsum

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.

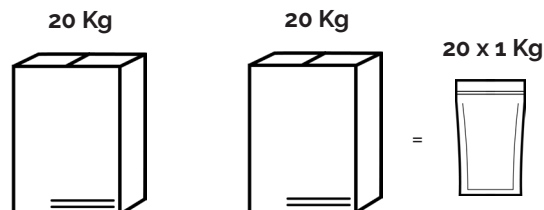
Compliant with ISO 6873 standard.



Properties: Basic Stone Basic Stone Fast

Mixing ratio:	30 ml / 100 g	30 ml / 100 g
Vacuum mixing time:	30"	30"
Manual mixing time:	1'	1'
Working time:	7'40" - 12'40"	5'30" - 8'30"
Setting time (Vicat):	8'40" - 13'40"	6'30" - 9'30"
Setting expansion (2h):	≤ 0,16 %	≤ 0,16 %
Compressive strength (1h):	≈ 25 MPa	≈ 25 MPa
Demoulding time:	45'	15'
Colour:	Yellow Blue Pink Green	Yellow

Colour: ● ● ● ●



Occlusion Stone

Type III hard gypsum 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 articulator.

Compliant with ISO 6873 standard.

Properties:

Mixing ratio: 28 ml / 100 g

Vacuum mixing time: 15"

Manual mixing time: 1'

Working time: 3'00" - 4'00"

Setting time (Vicat): 4'00" - 5'00"

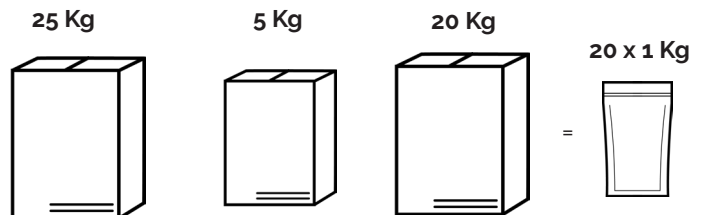
Setting expansion (2h): $\leq 0,04 \%$

Compressive strength (1h): $\approx 24 \text{ MPa}$

Demoulding time: 20'

Colour: Snow white

Colour: ○



Paris

Type II gypsum for general-purpose

Especially indicated for:

Recommended for model mounting in the articulator.

Study models.

Filling of moulds.

Features and benefits:

Superfine white gypsum with controlled granulometry.

Controlled expansion.

Compliant with ISO 6873 standard.

Properties:

Mixing ratio: 45 ml / 100 g

Vacuum mixing time: --

Manual mixing time: 1'

Working time: 5'00" - 8'00"

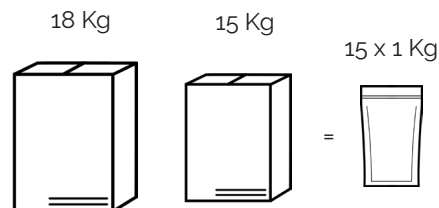
Setting time (Vicat): 6'00" - 9'00"

Setting expansion (2h): $\leq 0,10 \%$

Compressive strength (1h): ≈ 16 MPa

Colour: White

Colour: ○



Snow Soft

Type I gypsum for models

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 / 100 g

Vacuum mixing time: 30"

Manual mixing time: 1'

Working time: 3'30" - 6'30"

Setting time (Vicat): 4'30" - 7'30"

Setting expansion (2h): $\leq 0,06 \%$

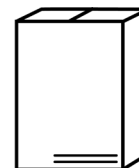
Compressive strength (1h): $\approx 5 \text{ MPa}$

Colour: White

Colour: ○



20 Kg



Stonic

Type III gypsum

Especially indicated for:

All situations requiring a type III gypsum.

The creation of gypsum 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.

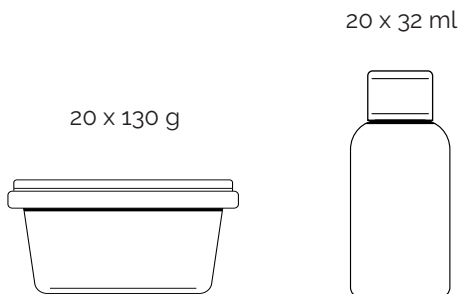
Ready to use: produces moulds without the need for specialised laboratory equipment.



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'.
Colour:	White.

Colour: ○



Superseal

Separator varnish for acrylic resins and gypsum

Especially indicated for:

Quick-drying separator varnish for gypsum-to-gypsum and gypsum-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 gypsum 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 gypsum a smooth, high-gloss finish.



Gypsum table

Technical data

	Syntech Rock 	Superdie Rock   	Ivory Rock 	Pinkmod 
Type according to ISO 6873	IV	IV	IV	IV
Mixing ratio (ml / g)	20/100	20/100	22/100	22/100
Mechanical mixing time under vacuum	1'	1'	30''	30''
Manual mixing time	--	--	1'	1'
Working time	7'00" - 11'00"	7'00" - 11'00"	7'00" - 11'00"	7'00" - 11'00"
Setting time (VICAT)	8'00" - 12'00"	8'00" - 12'00"	8'00" - 12'00"	8'00" - 12'00"
Extraction time	45'	45'	45'	45'
Setting expansion (2h)	≤ 0,15 %	≤ 0,08 %	≤ 0,10 %	≤ 0,10 %
Compressive strength (1h)	≈ 53 MPa	≈ 45 MPa	≈ 41 MPa	≈ 41 MPa

Extrawhite Hard 	Resindie Rock 	Fluid Stone 	Extrawhite 	Stone   	Basic Stone    	Basic Stone Fast 	Occlusion Stone 
IV	IV	IV	III	III	III	III	III
22/100	20/100	24/100	26/100	26/100	30/100	30/100	28/100
30"	30"	30"	30"	30"	30"	30"	15"
1'	--	--	1'	1'	1'	1'	1'
7'00" - 11'00"	7'00" - 11'00"	7'00" - 11'00"	7'40" - 12'20"	7'40" - 12'20"	7'40"- 12'40"	5'30" - 8'30"	3'00"- 4'00"
8'00" - 12'00"	8'00" - 12'00"	8'00" - 12'00"	8'40" - 13'20"	8'40" - 13'20"	8' 40" - 13' 40"	6'30" - 9'30"	4' 00" - 5' 00"
45'	45'	45'	45'	45'	45'	15'	20'
≤ 0,09 %	≤ 0,09 %	≤ 0,09 %	≤ 0,14 %	≤ 0,14 %	≤ 0,16 %	≤ 0,16 %	≤ 0,04 %
≈ 41 MPa	≈ 41 MPa	≈ 41 MPa	≈ 36 MPa	≈ 36 MPa	≈ 25 MPa	≈ 25 MPa	≈ 24 MPa

Gypsum table

Technical data	Paris 	Snow Soft 
Type according to ISO 6873	II	I
Mixing ratio (ml / g)	45/100	94/100
Mechanical mixing time under vacuum	-	30''
Manual mixing time	1'	1'
Working time	5'00" - 8'00"	3'30" - 6'30"
Setting time (VICAT)	6'00" - 9'00"	4'30" - 7'30"
Extraction time	45'	45'
Setting expansion (2h)	≤ 0,10 %	≤ 0,06 %
Compressive strength (1h)	≈ 16 MPa	≈ 5 MPa

Gypsum table

		Syntech Rock	Superdie Rock	Ivory Rock	Pinkmod	Extrawhite Hard	Resindie Rock	Fluid Stone
Applications Fixed Prosthetics	CAD/CAM	X	X	X				
	Implants	X	X	X				
	Master models	X	X	X			X	
	Cores	X	X	X				
	Inlays - Onlays	X	X	X				
	Bridges	X	X					
	Skeletetal				X	X		
Removable prosthetics	Antagonits						X	
	Acrylics				X	X		
	Cores						X	
Orthodontics	Orthodontics					X		
Others	Bases							X
	Mould							
	Articulator							

		Extrawhite○	Stone○ ●●●	Basic Stone○ ●●●●●	Basic Stone Fast○ ●	Occlusion Stone○	Paris○	Snow Soft○
Fixed Prosthetics	CAD/CAM							
	Implants							
	Master models							
	Cores							
	Inlays - Onlays							
	Bridges							
	Skeletetal	X	X					
Removable prosthetics	Antagonits		X	X	X			
	Acrylics	X	X	X	X			
	Cores							
Orthodontics	Orthodontics	X	X					
Others	Bases						X	X
	Mould						X	X
	Articulator					X	X	



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