

Thixo-Rock

Class IV super-hard stone with distinctive thixotropy and perfect flowability



Color - brown:
 1 x 2 kg Order No. 570 0005 2
 5 x 2 kg Order No. 570 0005 1
 10 x 2 kg Order No. 570 0005 0

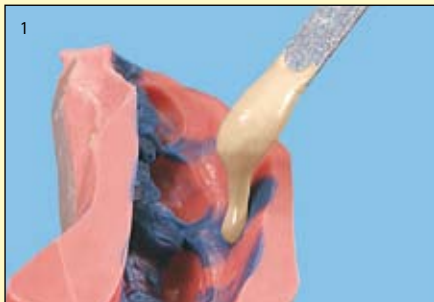
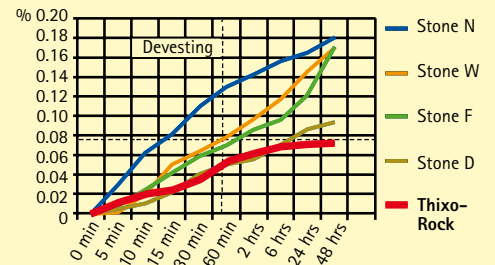


Color - ivory:
 1 x 2 kg Order No. 570 00E5 2
 5 x 2 kg Order No. 570 00E5 1
 10 x 2 kg Order No. 570 00E5 0



Color - grey:
 1 x 2 kg Order No. 570 00G5 2
 5 x 2 kg Order No. 570 00G5 1
 10 x 2 kg Order No. 570 00G5 0

Expansion of various other stones



Thixo-Rock offers high stability on the spatula and thixotropic consistency on the vibrator. Simple and clean processing is ensured.



The excellent processing time span allows bubble-free pouring of numerous impressions with just a single mix.

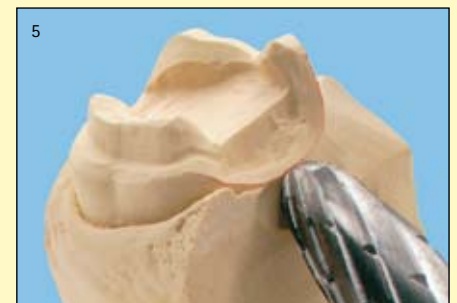


Absolutely accurate reproduction of dimensions of the oral situation thanks to the minimal expansion value (< 0.08 %) so that precision-fit dentures are obtained.

Technical Data Thixo-Rock	
Color	brown, ivory, grey
Mixing ratio	100 g / 20 ml dist. water
Soaking time	20-30 sec
Mixing time under vacuum	60 sec
Processing time at 23°C	5-6 min
Setting time (Vicat time)	approx. 10 min
Removal of model after	45 min
Compressive strength after 1 hr	above 60 MPa
Compress. strength after 24 hrs	85 MPa
Hardness after 1 hr (Brinell)	200 MPa
Hardness after 24 hrs (Brinell)	280 MPa
Linear expansion after 2 hrs	< 0.08 % (no further expansion)



The arches can be cut and trimmed without the formation of chips.



Preparation limits of the dies are not damaged when grinding the dies. No breaking of edges when removing the model. Consequently, precision-fit restorations are obtained.

Processing in the ecovac unit :

Vacuum level 1, mixing speed: 390 rpm



Fluid-Rock

Smoothly flowing class IV super-hard stone to prepare bases for models

Color – blue:

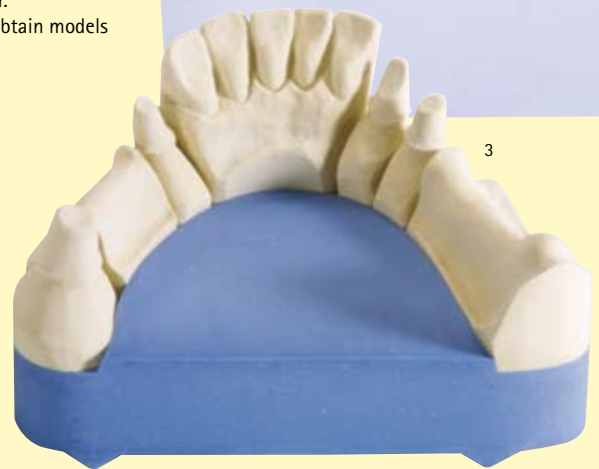
- 1 x 2 kg Order No. 570 OFB5 2
- 5 x 2 kg Order No. 570 OFB5 1
- 10 x 2 kg Order No. 570 OFB5 0



1 Mix Fluid-Rock base stone in the ratio of 100 g powder and 25 ml distilled water to achieve a highly fluid consistency.



2 Fluid-Rock base stone is directly poured into the model former without using a vibrator. Perfect flow characteristics allow to obtain models without any bubbles.



3 Low expansion ensures constant quality when producing models. Perfectly matched with Thixo-Rock super-hard stones.

Technical Data Fluid-Rock	
Color	blue
Mixing ratio	100 g / 25 ml distilled water
Processing time	approx. 6 min at 18° to 20° C
Setting time (Vicat time)	approx. 11 min at 18° bis 20° C
Comp. strength aft. 1 hr	48 N/mm ²
Comp. strength aft. 24 hrs	55 N/mm ²
Setting expansion	< 0,06 % (no further expansion after 2 hours)

Processing in the ecovac unit :
Vacuum level 1, mixing speed: 390 rpm



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Subject to modification