

# SPECIAL EFFECTS & BODY CASTING



STEP BY STEP GUIDE



## Zhermack RTV-2 silicone rubbers and alginates

Zhermack supplies the cinema industry with RTV-2 silicone rubbers and alginates to make **life casting**, **hyper-realistic model** and **prosthetics**:

- **Life casting** to reproduce parts of the body
- **Hyper-realistic model** baby reborn, anatomical parts of the body
- **Prosthetics** masks, wounds or smaller skin effects applied on the face or body

Easy working, high elasticity, fluidity of the silicone, faster setting time and the possibility of using a wide range of specific pigments thanks to the transparency of the silicones, are the key benefits we offer to users in the film industry.

# LIFE CASTING SILICONE

## ZA 22 THIXO BODY



SKIN CONTACT  
APPROVED

**Ideal for long-lasting and reusable life casting.**

the silicone spreads easily on the model by copying every smallest detail of the skin because of its soft consistency workability times are optimal because they help the model to relax during application.

- **Silicone tixotropico**, easy to remove without leaving residues.
- **Does not tear the hair.**



This video shows how **ZA 22 Thixo Body** works.  
Watch it, you will be surprised ;)

## HOW TO USE – STEP BY STEP

### ZA 22 THIXO BODY - Live casts



1  
Cover the hair with a cap. Spread the Vaseline on the face, especially on: eyebrows, eyelashes and behind the ears.



2  
Mix ZA 22 THIXO BODY 1:1 in weight.



3  
Apply ZA 22 THIXO BODY, covering the entire head and the face; do not cover the nostrils of the nose.



4  
Over ZA 22 THIXO BODY lay the plaster bandages to provide support, starting from the front (always remembering the nose holes). Before covering the back, spread Vaseline or paper tape around the edges to prevent it from sticking to the front. Once the back part has been covered, wait for the silicone to set.



5  
Remove the plaster bandages using a spatula at the joint of the two shells. Detach the rear shell and then the front one, then with scissors or a spatula, cut a line to open the silicone.





Quickly close the two plaster shells (for greater safety, wrap insulating tape on the outside to keep them together) and glue the two edges of the plaster backing. You got a negative.



Prepare the alabaster plaster and, checking that the silicone is in place in the mold and has not moved. Close the nose holes with clay.



After positioning it appropriately upside down, pour in the plaster and turn the mold so that the plaster enters all the holes without creating air bubbles (you can help yourself with the use of a brush).



Once the casting is finished, wait a few hours for the plaster to harden. Once the two shells have been opened, the silicone can be removed by hand quickly and easily.



At this point you have obtained the positive on which to sculpt the mask.

## HOW TO USE - STEP BY STEP

### ZA 22 THIXO BODY - Prosthetic parts



Apply a plaster separator or plasticine to the plaster face.



Model the plasticine on the plaster face, until the desired result is obtained. Once the plasticine has hardened, detach it from the plaster model or immerse it in water to detach it. Spread it out on a surface and start working on it, adding the necessary details.



Create a high curb with plasticine to contain the silicone (if possible color the inside brown like the plasticine).



Pour the silicone to make the silicone mold.



Once you have the mold, remove the plasticine from inside it. A reusable silicone mold is obtained to create the prosthetic part.

At this point I have my reusable silicone mold available to make my prosthetic part.





1

Apply a couple of layers of Cap plastic to the silicone mold with a brush or airbrush. It is used to create a thin film that will incorporate the softer silicone. Leave to set.



2

Cast the silicone ZA SFX 0020 + deadner sfx. Spray again with Cap plastic to seal the ZA SFX 0020 + deadner sfx inside and leave to set.



3

Slowly lift the corners with a cotton swab and detach the prosthetic part from the silicone mold.



4

The prosthesis is then ready to be applied to the face using NEO STRONG BOND or REGULAR BOND (KRYOLAN) or (apply dried with a fan to speed up adhesion).



5

The prosthesis can be removed from the face with the Clean product (KRYOLAN).







# HYPER-REALISTIC MODEL

ZA SFX 10 WT 10



LONG TERM APPLICATION  
>30 DAYS  
INTACT SKIN

**Ideal for creating hyper-realistic models, baby reborns or body parts.**

Its consistency is ideal for inserting hair and fluff with a needle technique. Can be colored to mimic skin texture using spray and airbrush techniques. To be used for plaster moulds too.



This video shows how **ZA SFX 10 WT 10** works.  
Watch it, you will be surprised ;)

## HOW TO USE - STEP BY STEP

### ZA SFX 10 WT 10



Mix ZA SFX 10 WT 10 1:1 in weight.



Add the desired color.



Add the thixo agent to the silicone.



Brush the silicone into a plaster mold and form an even layer of silicone.



Fill the mold with the silicone.



Close the mold and let the silicone to set.



Remove the mold.



The silicone model is ready.



Finalize the model by adding fur, hair, makeup...





# BODY CASTING SILICONES & SPECIAL EFFECTS

ZA SFX 0020  
DEADNER SFX



LONG TERM APPLICATION  
>30 DAYS  
INTACT SKIN

**Ideal for creating prosthetic parts or to simulate wounds and scars.**

Thanks to its high elasticity, it can also be used for moulds, from which very complex structures. Can be colored to mimic skin texture using spray and airbrush techniques. Its consistency is ideal for inserting hair and fluff with a needle technique.



This video shows how **ZA SFX 0020 + DEADNER SFX** works.  
Watch it, you will be surprised ;)

## HOW TO USE - STEP BY STEP

### ZA SFX 0020 + DEADNER SFX



1  
Mix ZA SFX 0020 1:1 in weight and add the SFX deadner as desired to obtain a very soft silicone. Alternatively use ZA SFX 10 WT 10.



2  
Treat the mold with Cap or Baldiez additive.



3  
Pour the silicone onto the mold and let it set.



4  
Pour a new layer of Cap or Baldiez to create a sandwich effect and incorporate the silicone prosthesis so that it is not sticky.



5  
Remove the silicone from the mold.



6  
Finalize the model by adding color.





Apply the prosthesis to the body using a primer.

BASE	CATALYST	DEADNER SFX	LOSS OF HARDNESS SHORE 00
100 g	100 g	33,3 g	Loss of 4 Sh00
100 g	100 g	100 g	Loss of 9 Sh00
100 g	100 g	200 g	Loss of 13 Sh00



# FAKE ICE

## ZA 35-15 GLASS

### **Ideal for making fake ice.**

Ultra transparent silicone, guaranteed for 2 years. It doesn't yellow.  
It breaks easily with a sharp object: cutter or knife.







# BODY CASTING ALGINATES

**Zhermack alginates were designed for the cinema industry.**

High quality body casting alginates, originated by natural raw materials like brown seaweeds, that ensure also the accurate reproduction of details thanks to their high mechanical properties.

## PRODUCT BENEFITS

- Optimal "creaminess"
- High reproduction of detail
- Different setting time
- Self bonding property
- Good mechanical properties

## ADVANTAGES



- Silica free
- Cruelty free
- Original nature

## TECHNICAL FEATURES

- Natural raw materials
- Skin PH compatibility
- Water/powder mixing ratio (weight): 2:1





## HOW TO USE - STEP BY STEP

### AL Silica Free PR



Mix powder and water 1:3 in weight.



Apply on the body.



Over the alginate lay the plaster bandages to provide support.  
Do not cover the nostrils of the nose.





Let it set.





The alginate can be removed by hand quickly and easily.

## SPECIAL EFFECTS &amp; BODY CASTING

	Colour	ST (@ 23°C)
AL Silica Free PR (Mixing ratio 2:1)		3' - 4'
AL Silica Free MT (Mixing ratio 2:1)		9' - 13'

## SPECIAL EFFECTS &amp; BODY CASTING

	Colour	Hardness
ZA OF1	transparent	gel
ZA SFX 0020	translucent	20 Sh00
ZA SFX 0030	translucent	30 Sh00
ZA 00 TRASLUCID	translucent	40 Sh00
SILSKIN 10	translucent	10 ShA
ZA SFX 10 WT 10	translucent	10 ShA
ZA 22 THIXO BODY		20 ShA
HT 24 WT 5 Transparent	translucent	24 ShA
ZA 35-15 GLASS	transparent	25 ShA
HT 38 PUTTY FAST		36 ShA



