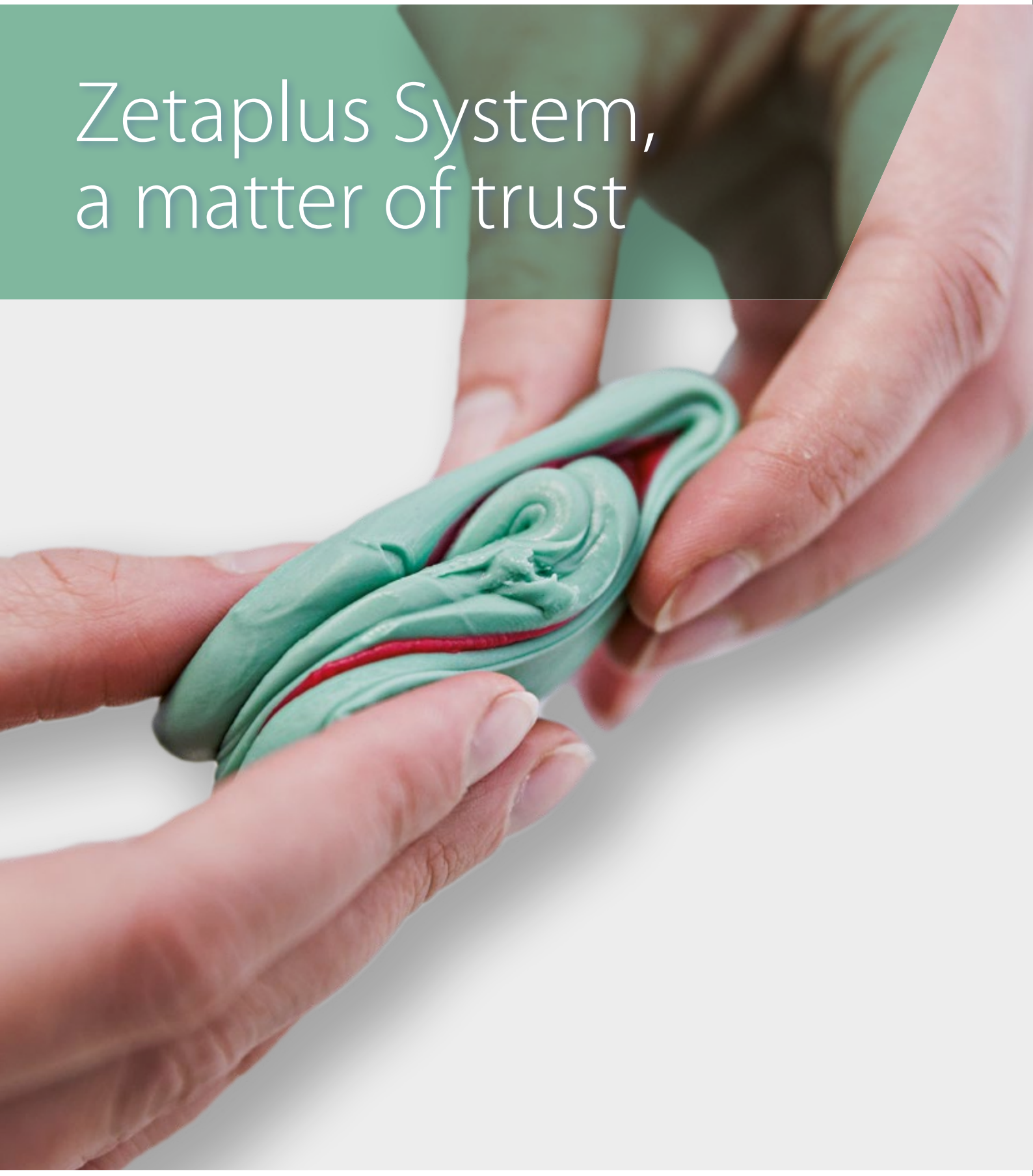
zetaplus system

A MATTER OF TRUST

C-Silicones for impression taking

Zhermack
Dental

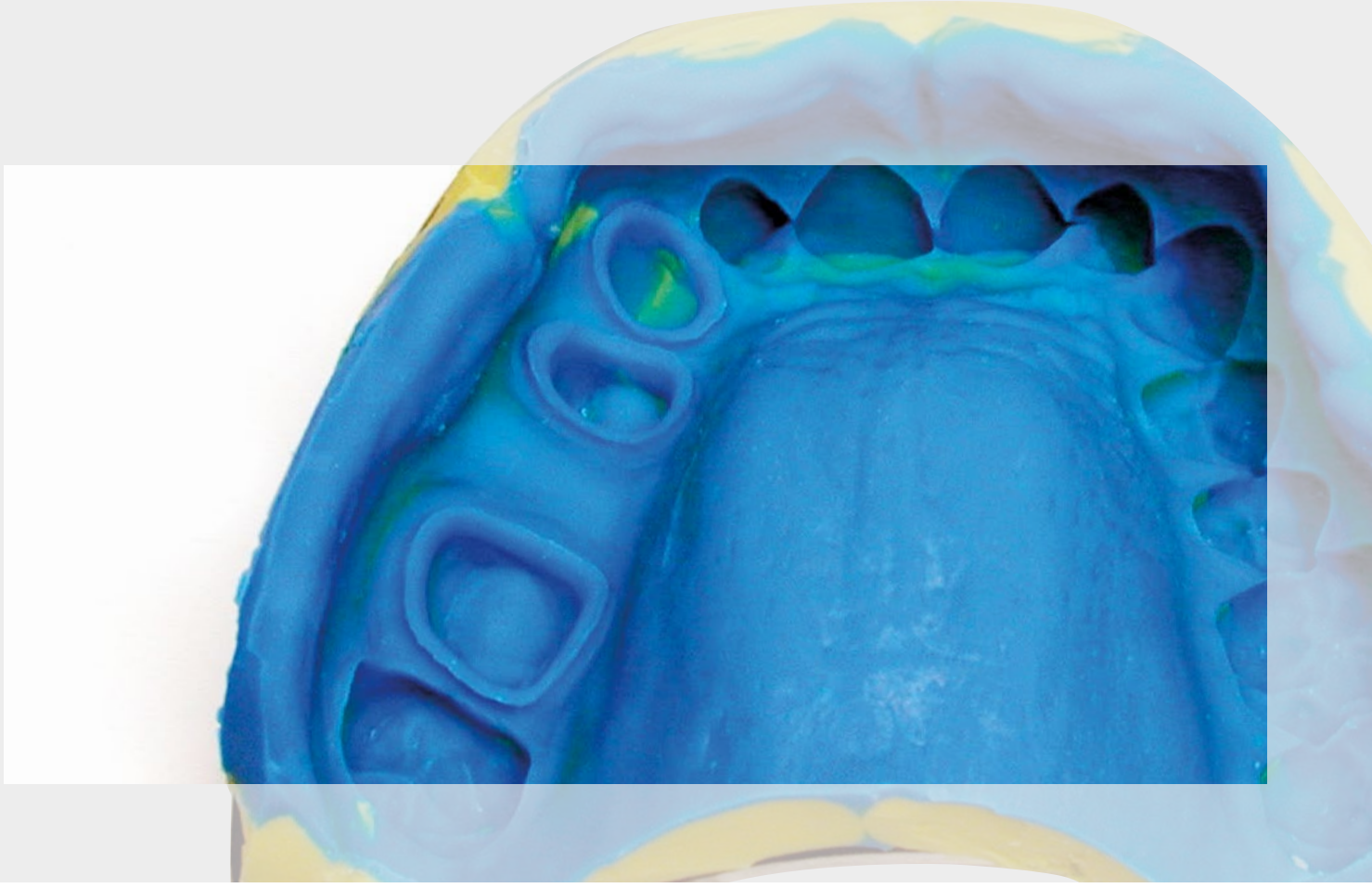
Zetaplus System, a matter of trust



High performance condensation silicones for impressions in fixed and removable prostheses. A Zhermack quality guarantee, for over 35 years.

More economical than addition silicones or polyethers, they are characterized by a good accuracy and an ideal working time/setting time ratio. They reach an **extraordinary thixotropy thanks to the "Flow Conditioning" effect**, which gives the material a high stability in the quiescent state.

Pressure, moisture and heat, which are conditions that prevail when introducing the impression tray in the oral cavity, immediately increase the **fluidity of the material** and guarantee an **impression taking** that is **very precise** along the edges. The different scents, from mint to orange, make the treatment more pleasant for the patient and professionals.



Reliable

in the main clinical situations.

Zetaplus System, worldwide appreciated, has maintained its high performance and **constant reliability in order to obtain** high prosthetic results.

REDUCED MARGIN OF ERROR

- Clear chromatic contrast to reduce the risk of error, consequently saving time and material.

BALANCED REACTIVITY

- Ideal balance between working time and setting time (snap-set effect). Optimal dosage of catalyst increases the available working time.

"FLOW CONDITIONING" EFFECT

- Increased flowability and high dimensional stability are achieved thanks to SAS (Synthetic Amorphous Silica) high-activity spheroid fillers.

Snap-Set effect

A correct working time to take an impression with greater peace of mind.
It reduces the risk of taking the impression twice, avoiding to waste time for the dentist and the patient.

For this reason, using materials with an ideal working time/setting time ratio - **Snap-Set effect** - is the best choice.

Working time

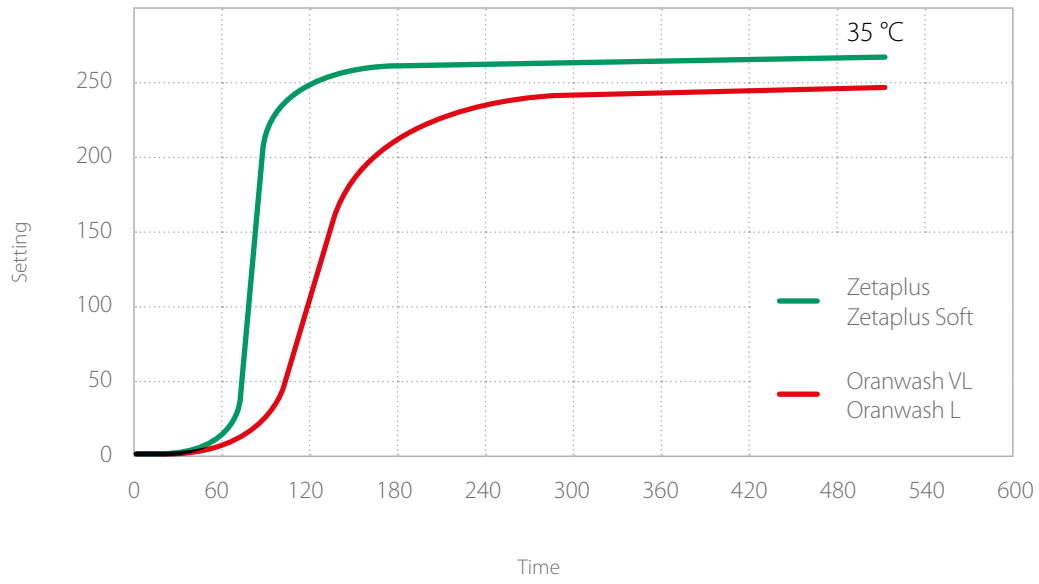
The time available by a user after initial mixing will allow to place and manage the material before it begins to set.

Setting time

Amount of time before the material is completely set.

Rapid transition from the unset to the set state is called "Snap-set" effect.

Polymerization curve



Based on internal tests

Precise

for high-detail impressions.

Easy to mix

Flowability in the sulcus

Zataplus with Oranwash L and Thixoflex M

ZETAPLUS, INITIAL FLOWABILITY AND FINAL RIGIDITY

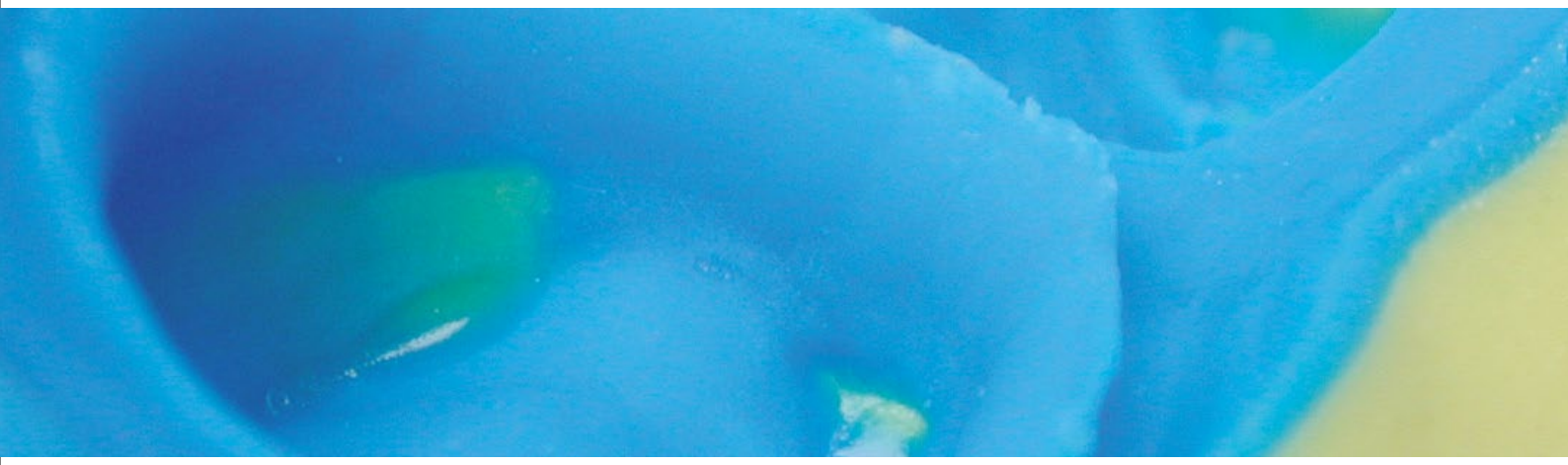
- The **"flow conditioning"** effect helps the material **flow** and **reduces** mucous **compression**. Due to its **rigid set**, **Zetaplus** is the recommended **putty** for the two-stage technique.

ORANWASH L, YDROCOMPATIBILITY AND FLOWABILITY

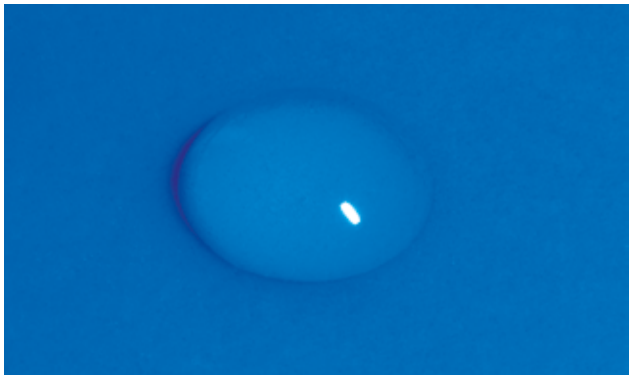
- This **light** bodied **hydrocompatible**, **fluid** and highly flowable silicone is suitable for the two-stage technique.

THIXOFLEX M, THIXOTROPY, FLOWABILITY AND HYDROCOMPATIBILITY

- This **medium** bodied **thixotropic** and **flowable** silicone guarantees accurate detail in humid environments thanks to its **intense hydrocompatibility** character. Recommended for the single-stage technique.



Optimal rigidity


Hydrocompatibility after 1 minute


Flowability while working

Zetaplus Soft with Oranwash VL

ZETEPLUS SOFT, FLOWABILITY AND ELASTICITY

- The **putty**, **flowable** and **elastic** silicone is suitable for many clinical situations and particularly recommended for the single-stage technique.

ORANWASH VL, HYDROCOMPATIBILITY AND HIGH FLOWABILITY

- The **very light**, **hydrocompatible** and **highly flowable** silicone suitable for the main impression techniques.

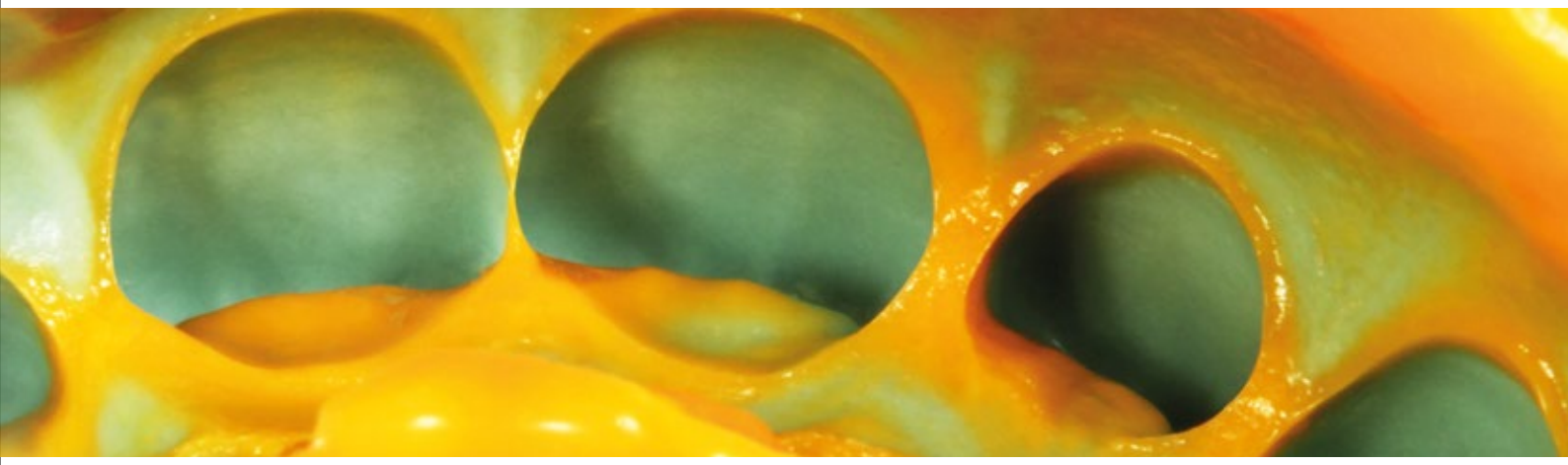
INDURENT GEL AND ZETAPLUS SYSTEM, THE IDEAL CHROMATIC CONTRAST

- The Indurent Gel catalyst guarantees an **homogeneus mix** for use with the **putties** and the **washes** of **Zetaplus System**.

Technical information

PRODUCT	ZETAPLUS	ZETAPLUS SOFT	THIXOFLEX M	ORANWASH VL	ORANWASH L
Working time* (min:s)	1:15	1:15	2:00	1:30	1:30
Time in mouth* (min:s)	3:15	3:15	3:30	3:30	3:30
Setting time* (min:s)	4:30	4:30	5:30	5:00	5:00
Strain in compression	2 - 5 %	2 - 5 %	2 - 8 %	2 - 8 %	2 - 8 %
Elastic recovery	> 98 %	> 98 %	> 99 %	> 99 %	> 99 %
Linear dimensional change (after 24 hours)	< 0,2 %	< 0,2 %	< 0,7 %	< 0,7 %	< 0,7 %

*the times mentioned must be intended at 35° C - 95° F



Codes

Zetaplus - Very high viscosity C-Silicone

Code	Setting time	Packaging
C100600	Normal Set	Standard Pack: 1 tub 900 ml (1.53 kg)
C100312	Normal Set	Standard Pack: 1 tub 1800 ml (3 kg)
C100468	Normal Set	Standard Pack: 1 tub 10 kg
C100720	Normal Set	Zetaplus L Trial Kit: Zetaplus 200 ml + Oranwash L 40 ml + Indurent Gel 60 ml + mixing block (20 sheets)
C100730	Normal Set	Zetaplus L Intro Kit: Zetaplus 900 ml + Oranwash L 140 ml + Indurent Gel 60 ml + mixing block (20 sheets)

Zetaplus Soft - Very high viscosity C-Silicone

Code	Setting time	Packaging
C100610	Normal Set	Standard Pack: 1 tub 900 ml (1.53 kg)
C100740	Normal Set	Zetaplus VL Intro Kit: Zetaplus Soft 900 ml + Oranwash VL 140 ml + Indurent Gel 60 ml + mixing block (20 sheets)

Thixoflex M - Medium viscosity C-Silicone

Code	Setting time	Packaging
C100670	Normal Set	Standard Pack: 1 tube 140 ml

Oranwash L - Low viscosity C-Silicone

Code	Setting time	Packaging
C100660	Normal Set	Standard Pack: 1 tube 140 ml
C100720	Normal Set	Zetaplus Oranwash L Trial Kit: Zetaplus 200 ml + Oranwash L 40 ml + Indurent Gel 60 ml + mixing block (20 sheets)

Oranwash VL - Low viscosity C-Silicone

Code	Setting time	Packaging
C100650	Normal Set	Standard Pack: 1 tube 140 ml
C100740	Normal Set	Zetaplus VL Intro Kit: Zetaplus Soft 900 ml + Oranwash VL 140 ml + Indurent Gel 60 ml + mixing block (20 sheets)

Catalyst

Indurent Gel - Gel catalyst for C-Silicones

Code	In combination with	Packaging
C100700	Zetaplus System	1 tube 60 ml

Equipment

Code	Model
C303230	Alghamix II - 230 V
C303215	Alghamix II - 115 V
C303231	Alghamix II - 230 V UK plug

Accessories

C207201	C207200	D510010
		
Mixing pad (15 sheets)	Spatula for silicones	Putty cut

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Fulfilling your needs

Application pictures courtesy of: Dr. M. Villaroel

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