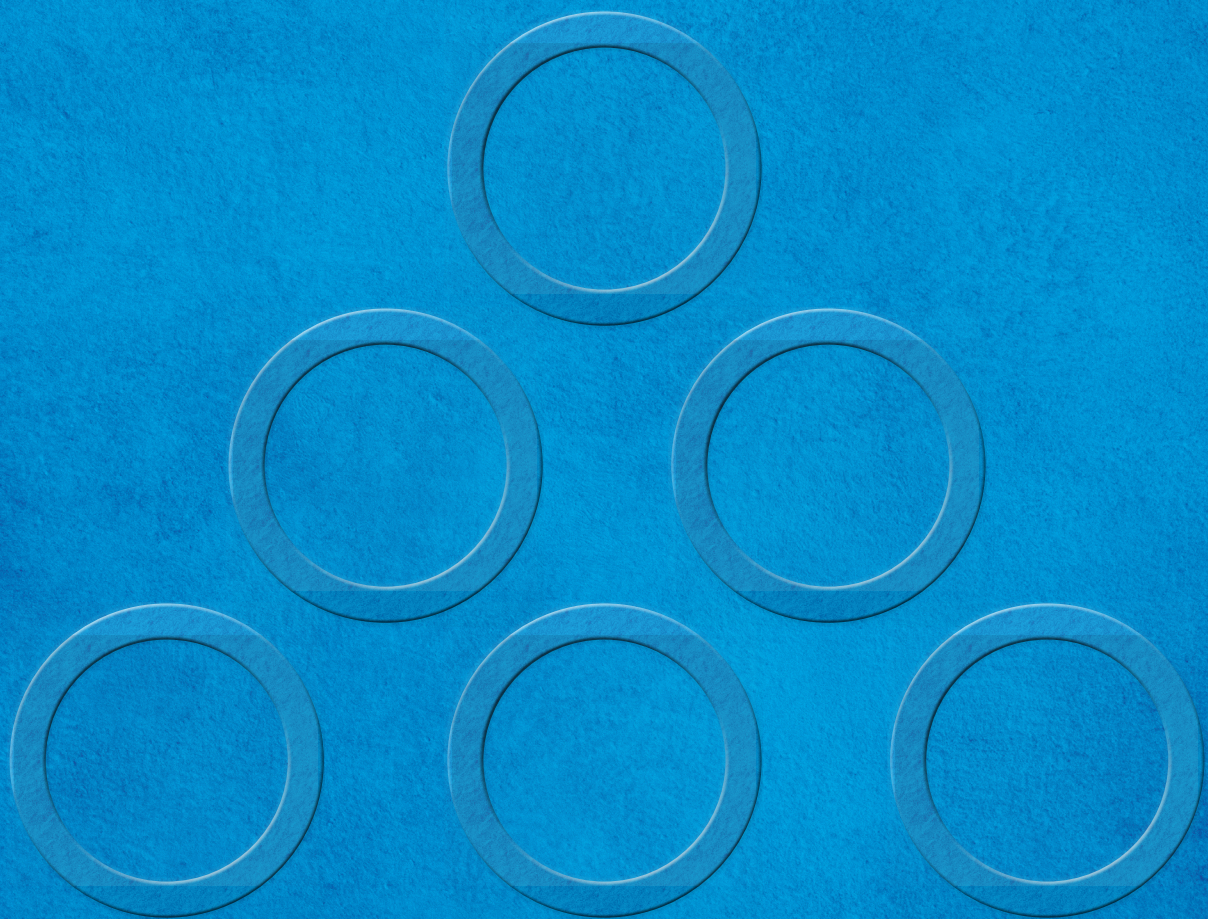


2021 PRODUCTS





SOOOO INSPIRING
WITH KETTENBACH DENTAL



CAN IT BE DONE SMARTER?

Our researchers and developers at Kettenbach Dental will not rest until the outcome is as perfect as your aspiration.

This has been driving us for 75 years to produce exceptional innovations such as Panasil®, Identium® and Futar D®

We want to simplify your life with product innovations
"Made in Germany" - it's as easy as that!

Kettenbach Dental



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implant & medical

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WE HAVE BEEN THINKING ABOUT PROGRESS FOR MORE THAN 75 YEARS. WITH EVERY SINGLE ONE OF OUR INNOVATIONS.

- 2019** Introduction of Visalys® CemCore, the 2-in-1 composite: the dual-curing, adhesive material can be used for both cementation and core build-up, providing an optimized adhesive bond while also having outstanding stability.
- 2016** Introduction of Futar® Cut & Trim Fast, the latest bite registration material from the successful Futar® family that ensures even more efficient workflows in your practice.
- 2015** Introduction of Visalys® Core, the first core build-up material with the unique Active-Connect-Technology for a reliable adhesive bond with single-step and multi-step adhesives.
- 2012** Introduction of Visalys® Temp which sets the new benchmark for materials for temporary crowns and bridges.
- 2009** Introduction of Identium®. A new impression material that revolutionizes the one-step impression technique: Vinylsiloxanether®.
- 2008** Introduction of Silgira® a new addition-curing silicone specifically for alginate indications.
- 2006** Introduction of Panasil® initial contact, the first A-silicone with very high hydrophilicity.
- 2002** Introduction of Panasil® binetics Putty. The first genuine putty in a cartridge.
- 1998** Introduction of Mucopren® Soft, a permanently soft relining material.
- 1994** Introduction of a new bite registration material based on silicone that subsequently achieves a high market position worldwide: Futar® Occlusion.
- 1982** Market launch of Panasil®, a new class of impression material based on addition-curing silicones.
- 1955** Introduction of Lastic® 55, the first impression silicone in the world.
- 1944** Founding of Kettenbach Dental by August Kettenbach in Wissenbach on 2 May.

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SOOO EFFICIENT
IS **SILGINAT®**

SILGINAT®



Silginat® is a medium-viscosity, elastomeric A-silicone available in a large 5:1 cartridge and was specifically developed for alginate applications (such as anatomical impressions).



Stable when stored and suitable for multiple pouring

- Anatomical impressions with Silginat® are permanently stable when stored and can even be poured out multiple times—preparing several anatomical impressions is no longer necessary.

High precision thanks to the advantages of an A-silicone

- Alginate-like consistency and low breaking strength.
- The material is thixotropic but still flows.
- It is dimensionally stable with high resilience.
- Scannable.

Standardized, hygienic processes

- Clean, simple, and safe application with the 5:1 jumbo cartridge for reproducible results in terms of a quality management system.

Modern setting characteristics

- Short intraoral setting time (90 seconds) for rapid workflows.
- The anatomical impression is prepared in just 3 minutes.
- Shore hardness A 45 for easy releasing.



Dynamic mixers




Silginat® medium viscosity

- + Opposing jaw impressions
- + Preparing temporary crowns and bridges
- + Anatomical impressions
- + Orthodontic tasks
- + Models for case studies
- + Preparation of models for constructing splints
- + Construction of simple removable prosthetic restorations

- + Highly recommended
- + Recommended



Refill pack 760 mL

5:1 
2 x 380 mL cartridges

CODE: REF 14713

AUD \$300+gst





SOOOO COMFORTABLE
IS **IDENTIUM**®

IDENTIUM®



Identium® combines the benefits of two established impression materials (A-silicone and polyether) working in perfect harmony. The innovative material class Vinylsiloxanether® is available in high, medium, and low viscosity with normal and fast setting variants for monophasic and double-mix impressions. This enables all essential impression techniques to be covered with a single material.

DOUBLE-MIX IMPRESSIONS

| Tray material |  | Mixing | Working time at 23 °C | Intraoral working time | Intraoral setting time | Total setting time* | Page |
|------------------|---|---|-----------------------|------------------------|------------------------|---------------------|------|
| Identium® Heavy | |  | 2:00 min. | – | 2:30 min. | 4:30 min. | 11 |
| Identium® Medium | |  | 2:00 min. | 1:20 min. | 2:30 min. | 4:30 min. | 10 |



* Total setting time (removal from the mouth) from the start of the mixing.

MONOPHASE, FIXATION AND PICK-UP IMPRESSIONS

| Tray material |  | Mixing | Working time at 23 °C | Intraoral working time | Intraoral setting time | Total setting time* | Page |
|------------------|---|---|-----------------------|------------------------|------------------------|---------------------|------|
| Identium® Medium | |  | 2:00 min. | 1:20 min. | 2:30 min. | 4:30 min. | 10 |

* Total setting time (removal from the mouth) from the start of the mixing.

FUNCTIONAL IMPRESSIONS

| Tray material |  | Mixing | Working time at 23 °C | Intraoral working time | Intraoral setting time | Total setting time* | Page |
|------------------|---|---|-----------------------|------------------------|------------------------|---------------------|------|
| Identium® Medium | |  | 2:00 min. | 1:20 min. | 2:30 min. | 4:30 min. | 10 |

* Total setting time (removal from the mouth) from the start of the mixing.

Precision impressions | Vinylsiloxanether®

IDENTIUM® MEDIUM



Identium® Medium is a medium-viscosity precision impression material made of Vinylsiloxanether® for monophasic impressions. Thanks to its high final hardness it is particularly well suited to implant impressions.



Greatest precision

- Perfect flow even with residual moisture enables the preparation margins to be reliably determined.
- Thanks to the short intraoral setting time, there is no deformation during the setting phase.

More comfortable for user and patient

- Easy to remove from the mouth thanks to the high elasticity; low risk of breakage during model fabrication.
- Neutral taste and smell; short intraoral setting time, considerably reduced gag reflex and movement.

Time saving

- After just a total of 4 minutes and 30 seconds, the impression can be removed from the patient's mouth

Secure fixation

- Thanks to the high final hardness (Shore A 60), implant posts and primary crowns are precisely reproduced and securely retained.



Dynamic mixers



Identium® Medium medium viscosity

- + Monophasic impressions
- + Fixation impressions
- + Functional impressions
- + Pick-up impressions
- + Double-mix impressions
- + Reline impressions

+ Highly recommended

+ Recommended



Refill pack 760 mL

5:1

2 x 380 mL cartridges

CODE: REF 14717

AUD \$430+gst

Precision impressions | Vinylsiloxanether®

IDENTIUM® HEAVY



Identium® Heavy is a high-viscosity monophase precision impression material made of Vinylsiloxanether® that delivers particularly good results in the double-mix technique thanks to the optimal pressure build-up.



Greatest precision

- Perfect flow even with residual moisture enables the preparation margins to be reliably determined.
- Thanks to the short intraoral setting time, there is no deformation during the setting phase.

More comfortable for user and patient

- Easy to remove from the mouth thanks to the high elasticity; low risk of breakage during model fabrication.
- Neutral taste and smell; short intraoral setting time, considerably reduced gag reflex and movement.

Time saving

- After just a total of 4 minutes and 30 seconds, the impression can be removed from the patient's mouth



Dynamic mixers



Identium® Heavy high viscosity

- + Double-mix impressions
- + Fixation impressions
- + Functional impressions
- + Pick-up impressions

- + Highly recommended
- + Recommended



Intro pack 380 mL

5:1

380 mL cartridge,
10 dynamic mixers,
10 mL adhesive,
50 mL Light body,
6 yellow mixing tips,
6 yellow intraoral tips

CODE: REF 14724

AUD \$250+gst



SOOOO PRECISE
IS **PANASIL**®

PANASIL®

Precise with no compromises, that's what Panasil® stands for.

The range includes the right product for all impression techniques and indications.

Thanks to its impressive product properties and coordinated product combinations, impressions can even be taken in moist environments and still deliver exceptionally precise results.

The Panasil® family is available in low, medium, and high viscosity precision impression materials as well as a kneadable material all based on A-silicone.

TWO-STEP IMPRESSIONS

| Tray material |  | Mixing | Working time at 23 °C | Intraoral working time | Intraoral setting time | Total setting time* | Page |
|---|--|---|-----------------------|------------------------|------------------------|---------------------|------|
| Panasil® tray Fast Heavy | |  | 1:20 min. | — | 2:00 min. | 3:20 min. | 14 |
| Correction material (X-Light body) | | | | | | | |
| Panasil® initial contact X-Light | |  | 1:30 min. | 1:00 min. | 2:30 min. | 4:00 min. | 15 |
| Panasil® initial contact X-Light Fast | |  | 1:00 min. | 0:30 min. | 2:00 min. | 3:00 min. | 15 |

* Total setting time (removal from the mouth) from the start of the mixing.

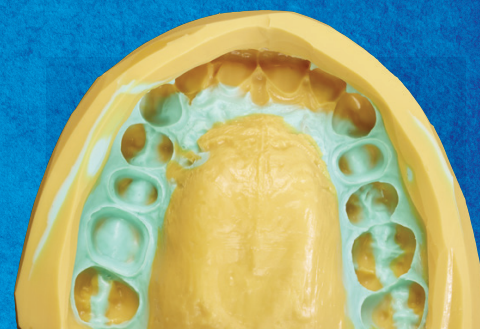
DOUBLE-MIX IMPRESSIONS

| Tray material |  | Mixing | Working time at 23 °C | Intraoral working time | Intraoral setting time | Total setting time* | Page |
|--------------------------|---|---|-----------------------|------------------------|------------------------|---------------------|------|
| Panasil® tray Soft Heavy | |  | 2:00 min. | — | 2:00 min. | 4:00 min. | 14 |
| Panasil® tray Soft Heavy | |  | 2:00 min. | — | 2:00 min. | 4:00 min. | 14 |
| Panasil® tray Fast Heavy | |  | 1:00 min. | — | 2:00 min. | 3:00 min. | 14 |

* Total setting time (removal from the mouth) from the start of the mixing.

Precision impressions | A-silicone

PANASIL® TRAY FAST HEAVY & SOFT HEAVY



Panasil® tray is a high-viscosity, stiff Heavy body based on A-silicone for precision impressions available in the 5:1 jumbo cartridge.



Security thanks to precision

- Dimensionally stable elastic recovery and consistent quality thanks to exact, reproducible dosage from the easy to use large cartridge.

Easy processing

- High dynamic pressure and can be very easily trimmed.

Always the right product

- The Fast version has a short intraoral setting time and a high final hardness (Shore A 62).
- The Soft version has a lower final hardness (Shore A 55) to ensure its removal from the mouth is even easier.



Panasil® tray Fast Heavy short intraoral setting time


- + Two-step impressions
- + Double-mix impressions

Panasil® tray Soft Heavy reduced final hardness

- + Double-mix impressions
- + Functional impressions

- + Highly recommended
- + Recommended




Refill pack 760 mL 5:1 
2 x 380 mL cartridges

Tray Fast Heavy 

CODE: REF 14705

AUD \$300+gst



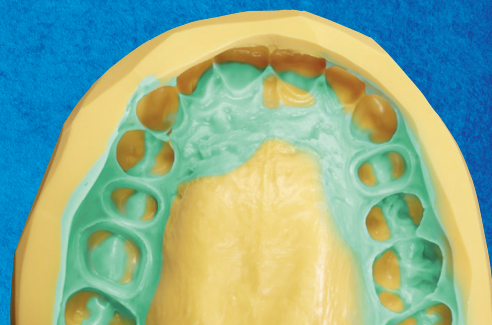
Refill pack 760 mL 5:1 
2 x 380 mL cartridges

Tray Soft Heavy 

CODE: REF 14707

AUD \$300+gst

PANASIL® INITIAL CONTACT X-LIGHT & X-LIGHT FAST



Panasil® initial contact is a low-viscosity correction material based on A-silicone with a particularly high initial hydrophilicity for precision impression technique – and is reliable even in extreme situations.



Precise impressions

- Flows optimally and, thanks to its exceptional initial hydrophilicity, also ensures reliability and precision in difficult oral situations.
- Dimensionally stable elastic recovery.

Easy to work with

- Low viscosity and stable at the same time, practical processing time, short intraoral setting time.

Easy processing

- Fast and easy to apply using all conventional dispensing guns such as Applyfix® 4 for impression materials.



Panasil® initial contact X-Light very low viscosity, purple

- + Two-step impressions
- + Reline impressions
- + Double-mix impressions
- + One-step putty-wash impressions

- + Highly recommended
- + Recommended



Normal pack 100 mL 1:1

2 × 50 mL cartridges,
8 yellow mixing tips

Initial Contact X-Light

CODE: REF 13401

AUD \$85+gst



Normal pack 100 mL 1:1

2 × 50 mL cartridges,
8 yellow mixing tips

Initial Contact X-Light Fast

CODE: REF 13461

AUD \$85+gst



SOOOO SUPER
WITH **FUTAR[®]**

Bite registration | A-silicone

FUTAR® D FAST



Futar® D is a syringeable elastomeric A-silicone for bite registration with high final hardness.



Precision

- The extra high final hardness (Shore D 43) prevents springing when aligning the models in the laboratory.

Easy to work with

- Easy to handle and easy to mill.

Stable

- Highly thixotropic so it does not flow away into the interdental spaces but remains stable on the tooth, easy to remove from the mouth.

Modern setting characteristics

- Short processing time (15 seconds), extra short intraoral setting time (45 seconds) : the registration is ready in just one minute.



Futar® D Fast 15-second processing time

- + Bite registration (segment)
- + Loading the bite fork
- + Registration (general)
- + Registration in orthodontics
- + Bite registration (full dental arch)

+ Highly recommended

+ Recommended



Normal pack 100 mL 1:1

2 × 50 mL cartridges,
6 green mixing tips

Futar D Fast

CODE: REF 11961

AUD \$120+gst

SEGMENT

| Bite registration material | Mixing | Working time at 23 °C | Intraoral setting time | Total setting time* | Special feature |
|----------------------------|--------|-----------------------|------------------------|---------------------|---|
| Futar® D Fast | | 0:15 min. | 0:45 min. | 1:00 min. | rapid setting Especially hard material, rapid setting |



* Total setting time (removal from the mouth) from the start of the mixing.

ACCESSORIES

DYNAMIC MIXER



Dynamic Mixer blue for:
380 mL jumbo cartridges
45 tips

CODE: REF 17900

SYMPRESS



Electrical dosing and mixing device for automated mixing of impression materials in the Kettenbach **Plug & Press®** system and related systems in a mixing ratio of 5:1 (impression materials in foil bags or jumbo cartridges).



Precise and homogeneous dispensing

- Bubble-free mixing for precise impression results.
- Precise dispensing of the required quantity of material: just the material that's needed.

Hygienic and reproducible

- Standardized dosing and mixing at the touch of a button, independent of the operator.
- Simple and hygienic with electronic processes replacing manual operation.

Adjustable extrusion speed

- Automated advance/withdrawal.
- Different extrusion speeds for trays or syringe filling.

Guaranteed reliable technology

- Simple and safe operation.
- Device is based on the latest state of the art with a 3 year manufacturer's warranty.

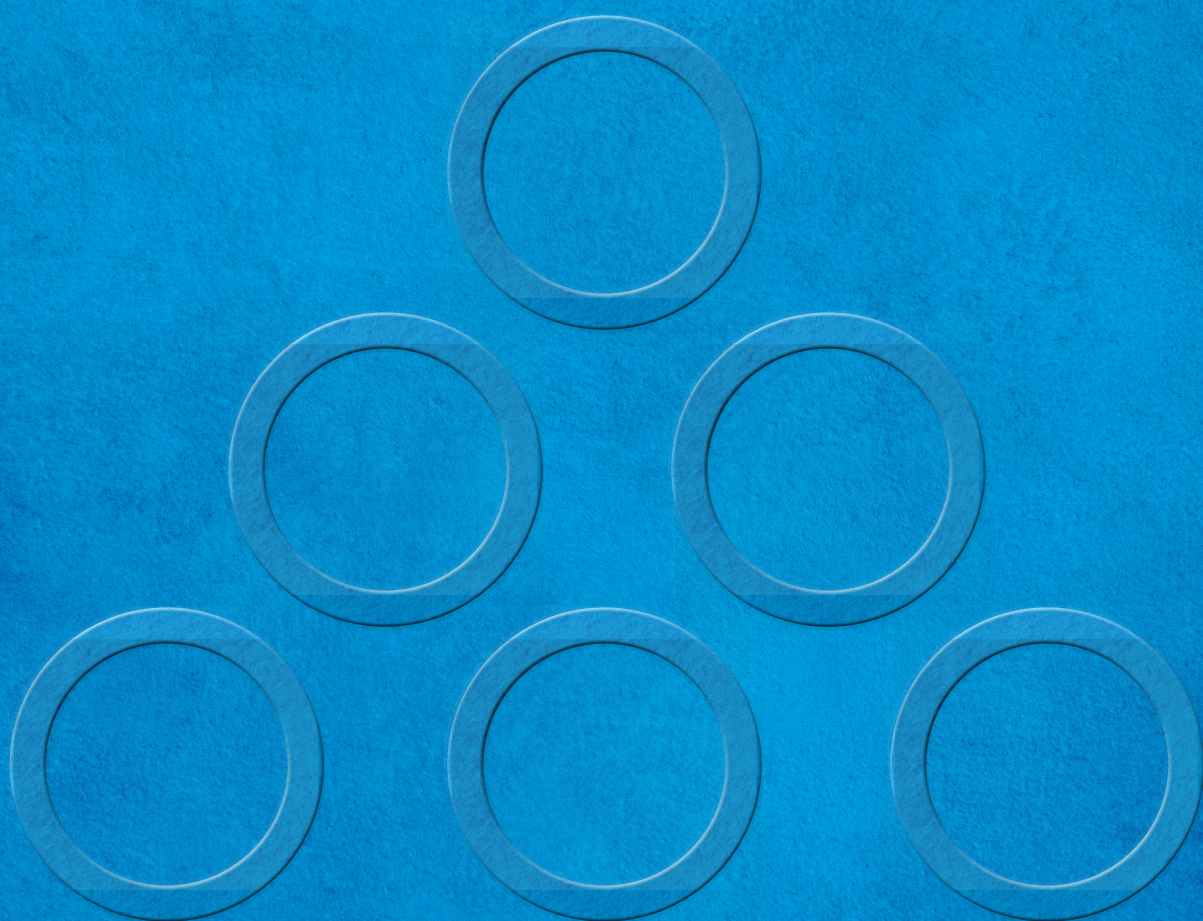


Sympress

CODE: REF 35910

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