



For real impression
masterpieces

Honigum Pro



Impressions
made your way:
Honigum Pro

Stays where you need it – **flowable** when you want it to be

Honigum Pro makes all impression tasks in the dental field easier and was specifically developed for implant prosthetics.

The unique precision VPS offers you impressive advantages:

- High precision and clean handling
- No dripping during application, no undesirable run-off
- Excellent flowability under pressure
- Effective removal due to extraordinary toughness
- Exact impressions
- Long working time with short setting time in the mouth thanks to "Snap-Set" technology

Benefit from Honigum Pro's special features in your everyday work. The DMG patented material structure ensures precise results quickly, safely and cleanly and achieves top ratings in everyday tests and studies – with patients and dentists alike.

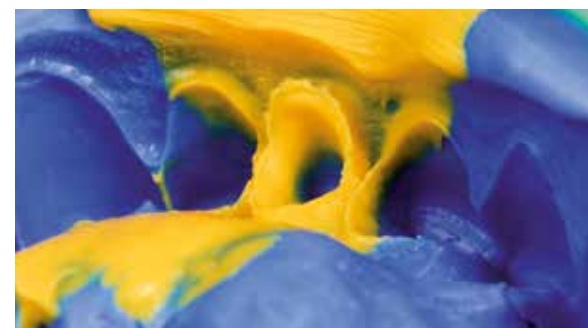
Thanks to its excellent stability when no pressure is applied, Honigum Pro can be safely inserted and remains in the applied site. Under pressure – when the tray is inserted, for example – the material reliably reaches the smallest spaces even in a moist environment, ensuring accurate impressions. You decide when Honigum Pro stays steady and when it flows.



1.1 Applying the Light material.



2.1 Insertion of the impression tray filled with Honigum Pro Putty and Honigum Pro Light.



1.2 The homogeneous impression as a result.



2.2 Detailed impression taking with Honigum Pro Putty and Honigum Pro Light.

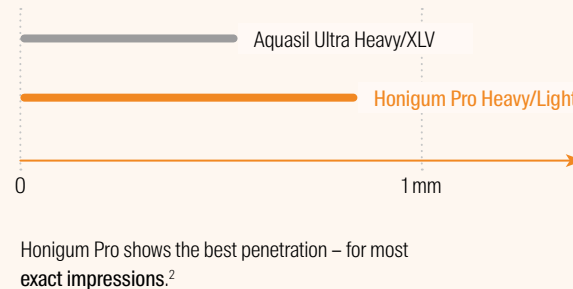
Honigum Pro – Clear benefits in daily routine.

Impression materials need to produce satisfactory results, even when used in moist conditions. Honigum Pro's special crystal structure – the rheologically active matrix – offers the decisive added value for both you and your patients.

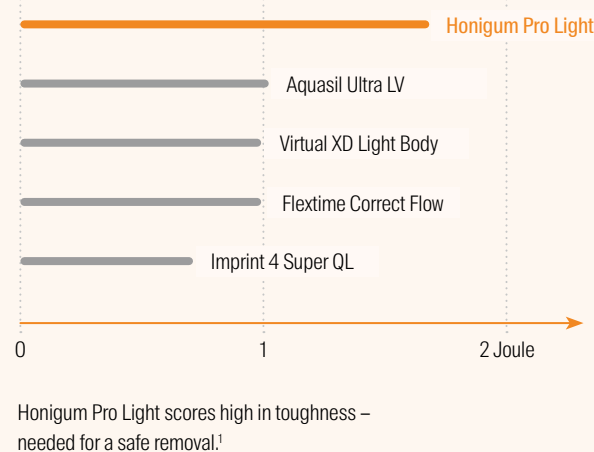
In tests and comparisons with competitor products, Honigum Pro demonstrates the best flow behaviour **under moist conditions** in the artificial sulcus in the area of the subgingival preparation margin. The optimum interaction of good hydrophilicity and unique rheological properties guarantees you absolute accuracy when taking impressions.

But Honigum Pro offers you another significant advantage in your everyday work. The **excellent combination of tear resistance and elongation resistance** – scientifically referred to as toughness – is crucial for safe removal from the mouth. This is another factor that enables Honigum Pro to set itself apart from other products, ensuring the highest restoration quality and saving time and money in equal measure. After all, an impression that tears when it is removed from the mouth is a wasted impression.

Penetration depth in the moist sulcus



Toughness

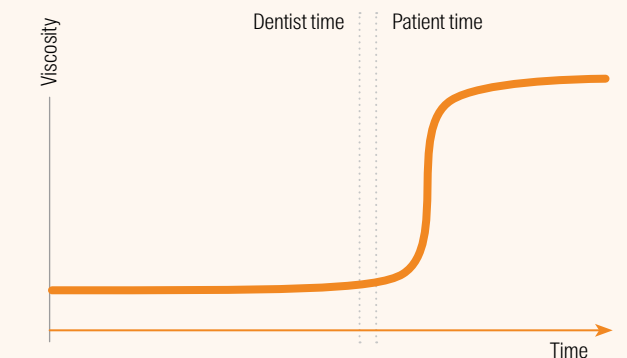


“Snap-Set” technology for maximum comfort

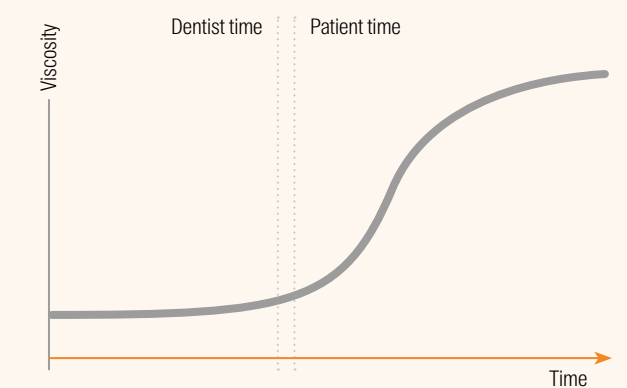
Generous working time with shorter setting time in the mouth – DMG's “Snap-Set” technology takes into account the needs of the dentist and the patient alike.

- Honigum Pro shortens the **setting time in the mouth** and thus ensures significantly more **comfort** during treatment.
- This minimises the stress for both the patient and the dentist providing treatment.
- The dentist can **work in a relaxed and safe manner** – even intraorally – because the viscosity remains constant over a generous period of time.
- Distortions caused by material that has already set are avoided.
- **Faster cross-linking times** reduce inaccuracies caused by micromovements.

“Snap-Set” technology Honigum Pro



Working times of conventional impression materials



¹ Source: Internal DMG measurements, data on file, 2011.

² Source: Dr B. Wöstmann, Justus-Liebig-Universität Gießen, Poliklinik für Zahnärztliche Prothetik.

¹ Source: Internal DMG measurements, data on file, 2011.

Easier, faster and safer: The MixStar eMotion

Metering, mixing and application of Honigum Pro made easy.

- **Easier:** With just one touch of a button and the two timers for working time and setting time in the mouth, you can operate the MixStar eMotion intuitively yet in line with individual requirements.
- **Faster:** Fill syringes or impression trays in three speed levels and save up to 20 seconds compared to the previous model.
- **Safer:** Electronic control ensures exact metering and minimal material waste. Errors are avoided by storing the correct times for working and setting in the mouth.



The MixStar eMotion offers you electrical perfection when working Honigum Pro.

DMG Retraction Paste – your straight-forward impression-taking assistant



DMG Retraction Paste is the ideal complement for accurate impressions and restorations with Honigum Pro.

- An individually bendable compule allows for extremely easy application at any point in the patient's mouth.
- The material remains at the applied site, optimally takes effect there and is clearly visible in the sulcus.
- The homogeneous consistency ensures optimum results for temporary sulcus retraction.

Excellent results in implant prosthetics

For implant impressions, precise transfer of the oral situation to the working model is crucial for creating the accurate-fit superstructure. Subsequent accuracy of fit in the patient's mouth is only guaranteed if the position of the impression posts is accurately recorded and reproduced. With its unique properties, Honigum Pro also ensures excellent results in implant prosthetics.

- With its excellent flowability, Honigum Pro encloses the impression posts or transfer coping particularly well and fixes them reliably. Torsions are prevented by the fast setting behaviour and the high final hardness – especially with Honigum Pro Heavy.
- Due to the optimum stability, the material remains at the applied site and reproduces gingival structures in detail – your guarantee for harmonious integration of implant prosthetics into the gingival contours.



Our tip:

Honigum Pro is available in different variants that can be combined exactly according to your requirements. The Fast variants of Honigum Pro shorten treatment times even further, while a mixture of Honigum Pro Heavy and Honigum Pro Light in the double-mix technique is recommended for combined work involving implants and prepared teeth. With a pure implant impression Honigum Pro Heavy is also suitable as a monophasic impression material.

An overview of the different Honigum Pro variants can be found on the next page.

The right Honigum Pro for every impression task

		Honigum Pro Light	Honigum Pro Mono	Honigum Pro Heavy	Honigum Pro Putty
Crown and bridge impressions		•	•	•	•
Inlay and onlay impressions		•	•	•	•
Implant impressions				•	
Fixation impressions				•	
Functional impressions			•		
Pressure-spot indication			•		
Viscosity		Low viscosity	Medium viscosity	High viscosity	High viscosity
Setting behavior	Normal-curing	•	•	•	•
	Fast curing	•	•	•	
Technique	Monophase		•		
	Double-mixing	•		•	•
	Correction	•		•	•
Syringe material		•			
Insertion resistance	Low	•			
	Medium		•	•	

Technical data

	Honigum Pro Light		Honigum Pro Mono		Honigum Pro Heavy		Honigum Pro Putty							
Honigum Pro														
	Fast	Fast	Fast	Fast	Fast	Fast	Soft	Soft Fast	Rigid Fast					
Contents [ml]	50	50	380	380	50	50	380	380	50	50	380	450x2	450x2	450x2
Mixing time [min]											0:30	0:30	0:30	
Intraoral working time [min]	≤ 1:00	≤ 0:30	≤ 1:00	≤ 0:30	≤ 1:00	≤ 0:30								
Max. extraoral working time [min]	≤ 2:45	≤ 1:30	≤ 2:45	≤ 1:30	≤ 2:45	≤ 1:30	≤ 2:45	≤ 1:30	≤ 2:45	≤ 1:30	≤ 1:45	≤ 3:15	≤ 1:45	≤ 1:45
Setting time in the mouth [min]	≥ 3:15	≥ 2:00	≥ 3:15	≥ 2:00	≥ 3:15	≥ 2:00	≥ 3:15	≥ 2:00	≥ 3:15	≥ 2:00	≥ 3:15	≥ 3:15	≥ 1:45	≥ 1:45
Dimensional change after 24 hrs [%]	≤ 0.35	≤ 0.35	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
Compression set [%]	≤ 0.35	≤ 0.35	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.6	≤ 0.7	≤ 0.5	≤ 0.5	≤ 0.5
Shore-A-hardness (24h)	≈ 55	≈ 55	≈ 61	≈ 61	≈ 61	≈ 61	≈ 76	≈ 74	≈ 74	≈ 74	≈ 73	≈ 68	≈ 68	≈ 75
Strain in compression [%]	≈ 4.0	≈ 4.0	≈ 2.8	≈ 2.8	≈ 2.8	≈ 2.8	≈ 1.8	≈ 1.8	≈ 2.0	≈ 2.0	≈ 2.0	≈ 2.2	≈ 2.2	≈ 1.7
Shade	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Clear benefits for your everyday work

Honigum Pro Light

High-precision, VPS-based correction impression material with a light consistency

Indications:

Crown and bridge impressions, inlay and onlay impressions

Benefits for the dentist:

- Intelligent flow properties and extraordinary stability
- Excellent hydrophilic properties
- Registers even the finest details
- Very high toughness
- Easily readable shade contrast

Honigum Pro Putty

Precision, VPS-based impression material with a putty-like consistency

Indications:

Crown and bridge impressions, inlay and onlay impressions

Specialities:

Real putty consistency from the DMG MixStar cartridge

Benefits for the dentist:

- Outstanding recovery after deformation
- Excellent dimensional stability
- Can be shaped by hand

Honigum Pro Heavy

Precision, VPS-based impression material with a heavy consistency

Indications:

Crown and bridge impressions, inlay and onlay impressions, all types of pickup impressions (e.g. for implants)

Benefits for the dentist:

- High final hardness
- Convenient insertion resistance
- Trouble-free and safe removal
- Consistently homogeneous, bubble-free material quality

Honigum Pro Mono

Monophase VPS-based impression material with medium consistency

Indications:

Crown and bridge impressions, inlay, onlay and functional impressions, as well as pressure-spot indications and all types of pickup impressions (e.g. for implants)

Benefits for the dentist:

- One-step precision
- Trouble-free and safe removal
- Highly hydrophilic and superior flow behaviour
- Precise reproduction of the preparation margin
- Very high tear resistance



For more information, please visit our website:
www.dmg-dental.com

Packaging

Honigum Pro Light

Packaging:		Economy Pack:	
2 Cartridges @ 50 ml		8 Cartridges @ 50 ml	
10 Automix Tips Yellow 1:1		40 Automix Tips Yellow 1:1	
10 Intraoral Tips Yellow		40 Intraoral Tips Yellow	
Honigum Pro Light	REF 929831	Honigum Pro Light	REF 929835
Honigum Pro Light Fast	REF 929832	Honigum Pro Light Fast	REF 929836

Honigum Pro Mono

Packaging:		Economy Pack:	
2 Cartridges @ 50 ml		8 Cartridges @ 50 ml	
4 Automix Tips Green 1:1		16 Automix Tips Green 1:1	
4 Intraoral Tips Yellow		16 Intraoral Tips Yellow	
Honigum Pro Mono	REF 929830	Honigum Pro Mono	REF 929834
Honigum Pro Mono Fast	REF 929976	Honigum Pro Mono Fast	REF 929977
1 Cartridge @ 380 ml		5 Cartridges @ 380 ml	
10 MixStar Tips Blue		50 MixStar Tips Blue	
Honigum Pro Mono	REF 929568	Honigum Pro Mono	REF 929569
Honigum Pro Mono Fast	REF 929978	Honigum Pro Mono Fast	REF 929979

Honigum Pro Heavy

Packaging:		Economy Pack:	
2 Cartridges @ 50 ml		8 Cartridges @ 50 ml	
4 Automix Tips Green 1:1		16 Automix Tips Green 1:1	
Honigum Pro Heavy	REF 929766	Honigum Pro Heavy	REF 929837
Honigum Pro Heavy Fast	REF 929838	Honigum Pro Heavy Fast	REF 929839
1 Cartridge @ 380 ml		5 Cartridges @ 380 ml	
10 MixStar Tips Blue		50 MixStar Tips Blue	
Honigum Pro Heavy	REF 929537	Honigum Pro Heavy	REF 929538
Honigum Pro Heavy Fast	REF 929638	Honigum Pro Heavy Fast	REF 929637

Honigum Pro Putty

Packaging:		Economy Pack:	
1 Cartridge @ 380 ml		5 Cartridges @ 380 ml	
10 MixStar Tips Blue		50 MixStar Tips Blue	
Honigum Pro Putty	REF 929374	Honigum Pro Putty	REF 929375
2 Jars @ 450 ml		8 Jars @ 450 ml	
Honigum Pro Putty Soft	REF 929364	Honigum Pro Putty Soft	REF 929369
Honigum Pro Putty Soft Fast	REF 929365	Honigum Pro Putty Soft Fast	REF 929370
Honigum Pro Putty Rigid Fast	REF 929366	Honigum Pro Putty Rigid Fast	REF 929371

Honigum Pro Scan

Packaging:		Packaging:	
2 Cartridges @ 50 ml		1 Cartridge @ 380 ml	
4 Automix Tips Green 1:1		10 MixStar Tips Blue	
Honigum Pro Scan Heavy	REF 929983	Honigum Pro Scan Heavy	REF 929981
2 Cartridges @ 50 ml			
10 Automix Tips Yellow 1:1			
10 Intraoral Tips Yellow			
Honigum Pro Scan Light	REF 929984		

DMG Retraction Paste

Packaging:		Accessories:	
25 Computes @ 0.37 g	REF 919381	1 Automix Dispenser Type 50 1:1	REF 909507
		50 Automix Tips Yellow 1:1	REF 909200
		50 Intraoral Tips Yellow	REF 909201
		50 Automix Tips Green 1:1	REF 909490
		50 Intraoral Tips Transparent	REF 909400
Accessories:		1 MixStar eMotion 230 V Int.	REF 900480
1 Safetip Dispenser	REF 213122	50 MixStar Tips Blue	REF 903334
1 Safetip Dispenser Pro	REF 220829		
		1 Bottle @ 10 ml DMG Tray Adhesive	REF 909394

Honigum Pro

For impression masterpieces



A smile ahead
together



DMG

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