

AFFINIS®

PERFECT IMPRESSIONS



AFFINIS System 360 MonoBody

Impressively free of voids and distortions

The first monophasic impression material with the innovative AFFINIS surfactant system for perfect impressions in a moist environment.

- ❑ Snap-set minimizes the risk of distortion
- ❑ Outstanding thixotropic behaviour
- ❑ No taste or odour – improved patient comfort
- ❑ High elastic recovery – easy removal from the mouth and model and accuracy is maintained
- ❑ No dimensional changes with disinfection



Ask us for our library of independent publications and references (University of Innsbruck, University of Tübingen, University of Giessen, University of Birmingham, Queens University, Louisiana State University)

coltène
whaledent®

Perfect thixotropy and wetting ability

- ❑ Proven highly active surfactant system
- ❑ Fast and unique affinity to moist tooth structure and tissue
- ❑ Fully compatible with all AFFINIS wash materials

AFFINIS 360 MonoBody is now available in both a 360ml automix cartridge for use in bench top dispensers as well as a 75ml automix cartridge for hand dispensing. MonoBody impression material has been developed to be used as both a tray and wash material. It has superior wetting ability and drive. The hydrophilic-like wetting characteristics are comparable to those of polyether or hydrocolloid.

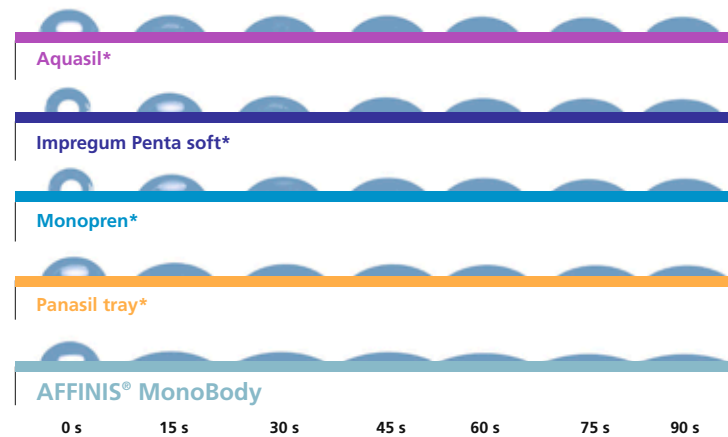


Innovative surface affinity

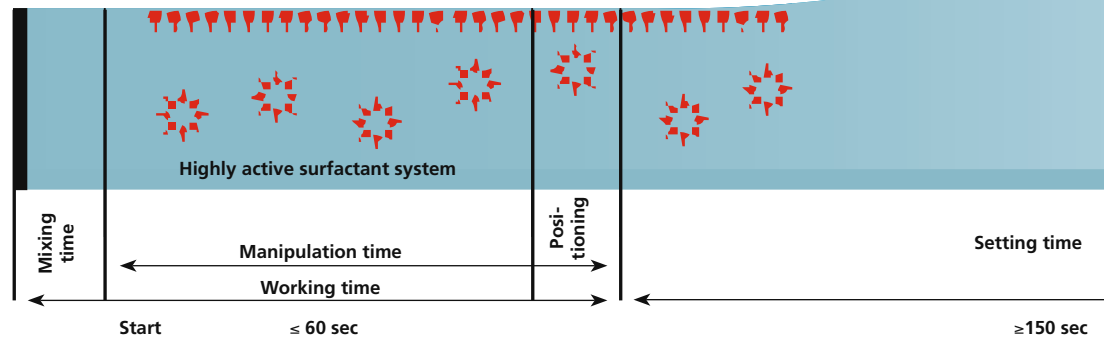
The surface affinity of a defined quantity of unset impression material is visualised after ten seconds on moist dentine. This in vitro method shows clearly which impression materials have an ideally matched flow behaviour on a moist tooth surface. Thanks to this property, AFFINIS also flows to all clinically relevant locations without exerting pressure, thereby forming the basis for a precision-fit, dental restoration.

Wetting behaviour **

(contact angle – drop of water on impression material)



AFFINIS MonoBody exhibits a very low contact angle after 15 sec.



* are not trade marks of Coltène/Whaledent
 ** all results internal documentation



Fill the tray first then the syringe with AFFINIS MonoBody.

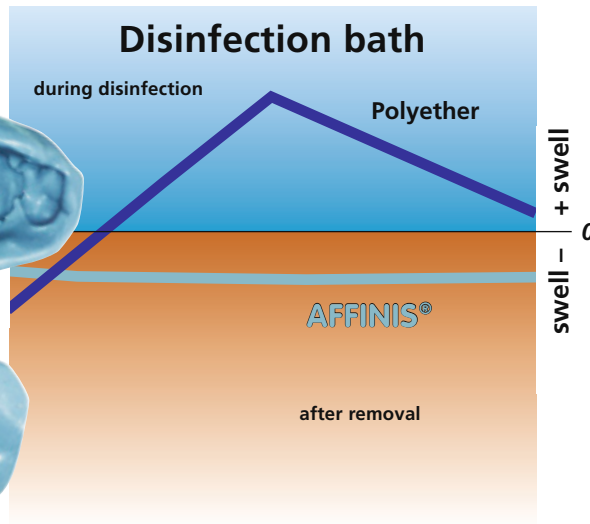
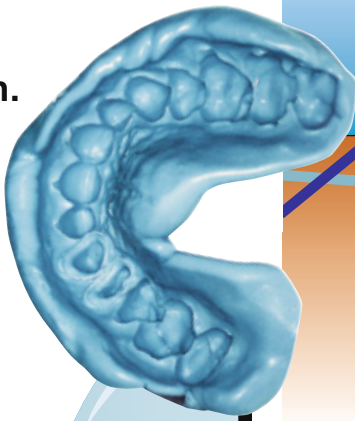


Apply AFFINIS MonoBody around the preparation. The outstanding thixotropy and improved AFFINIS wetting technology of AFFINIS MonoBody minimises the risk of air entrapments and distortions.



The impression can be easily removed and the tear strength assures that all details remain unchanged even in undercut areas. No allergic side effects or patient discomfort.

easy to
move
er 2.5 min.



No dimensional changes with disinfection

- Can be disinfected with a spray or in a disinfectant solution immediately after impression taking
- No swelling of the material despite saliva, blood or water uptake (no dimensional changes)
- Long-term stability
- ≥ 99.3% elastic recovery

Dimension modification after disinfection**

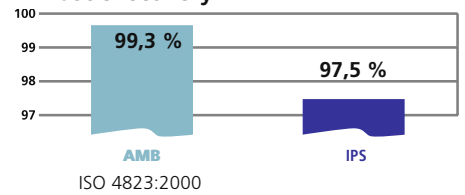
| in % | after removal | after disinfection (10 min) (Sporicidin) | after 24 h at 23°C 50% rel. humidity |
|------|---------------|--|--------------------------------------|
| AMB | -0,14 | -0,15 | -0,18 |
| IPS | -0,22 | +0,39 | +0,29 |

AMB = AFFINIS MonoBody

IPS = Impregum Penta soft*

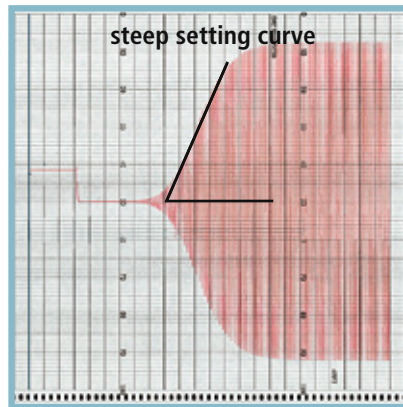
(internal documentation)

Elastic recovery**



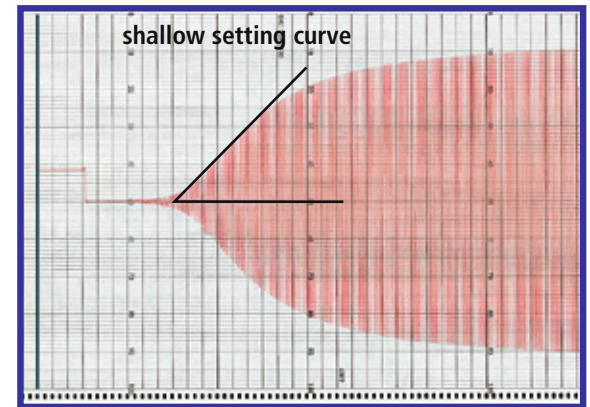
upset
distortion free
impressions

Setting reaction of AFFINIS MonoBody



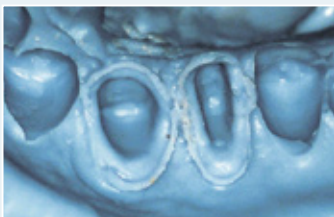
Rheogram Polyvinylsiloxane

Setting reaction of Impregum Penta soft



Rheogram Polyether

Removing



The perfect impression accuracy of the preparation margins and die contours are a perfect basis upon which the dental technician can fabricate an accurate restoration.

Success proven in clinical studies

The introduction of AFFINIS with its unique and ideal flow and wetting properties offers a significant improvement in impression taking results. With appropriate pre-treatment, tissue management and clear margins, AFFINIS guarantees the perfect reproduction of preparations and margins in almost 100% of cases.

- University Innsbruck, Austria
- University Tübingen, Germany
- University Giessen, Germany
- University of Birmingham, England
- University New Orleans, USA

AFFINIS influences your success. All down the line.



Further Information

www.coltenewhaledent.com

| | | | |
|--|-------------|---|-------------|
| AFFINIS MonoBody System 360 Starter Kit | 6480 | AFFINIS MonoBody System 360 | 6482 |
| Base | 300 ml | Refill package base | 2 x 300 ml |
| Catalyst | 62 ml | Refill package catalyst | 2 x 62 ml |
| Supporting Cartridge | 1 pc | | |
| Dynamic Mixing Tips | 10 pcs | | |
| AFFINIS heavy body System 360 Starter Kit | 6485 | AFFINIS heavy body System 360 | 6487 |
| Base | 300 ml | Refill package base | 2 x 300 ml |
| Catalyst | 62 ml | Refill package catalyst | 2 x 62 ml |
| Supporting Cartridge | 1 pc | | |
| Dynamic Mixing Tips | 10 pcs | | |
| AFFINIS MonoBody 75 ml | 6547 | AFFINIS MonoBody 75 ml | 6587 |
| Cartridges | 2 x 75 ml | Refill package cartridges | 20 x 75 ml |
| MT/TURQUOISE/CLEAR/WHITE/68/S* | 8 pcs | | |
| AFFINIS heavy body 75 ml | 6520 | AFFINIS heavy body 75 ml | 6585 |
| Single package cartridge | 2 x 75 ml | Refill package cartridges | 20 x 75 ml |
| MT/TURQUOISE/CLEAR/WHITE/68/S* | 8 pcs | | |
| AFFINIS Accessories System 360 | | AFFINIS Accessories 50/75 System | |
| Supporting Cartridge | 1 pc | Dispenser 50/75 ml | 1 pc |
| Dynamic Mixing Tips | 40 pcs | MT/TURQUOISE/CLEAR/WHITE/68/S* | 40 pcs |
| | 6160 | | 6900 |
| | 6161 | | 6552 |

* MT = Mixing Tip
S = Straight

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