Frequent use for the preparation of prosthetic products

Silicones gain more and more use for the preparation of prosthetic products. ERGAMIX addition silicone (polyvinylsiloxane) and ERGASIL condensation silicone are suitable to every technique and application with highest accuracy.

for every application

- Control keys for diagnostic wax-ups
- Repositioning keys for parts on partial dentures or over-dentures
- Models for basic and complex repairs
- Keys for acrylic temporaries
- Gingival masks
- Protection of denture teeth in processing flasks
- Blocking out of undercuts
- Bite registrations
- Pressing techniques
- Duplication of stone models.
ERGAMIX - addition curing silicone (polyvinylsiloxane) suitable to be scanned with optical/laser/tactile reading systems. It adapts perfectly to all the techniques and application fields in the dental laboratory.

advantages

The long working time allows the positioning in the concerned areas with extreme ease without incurring risks of pre-hardening. The useful hardness degree (70 / 90 shore A) is reached in a short time, allows to work on masses broadly stable, making it suitable for use in moulding technique. This constitutes an enormous advantage for the optimization of working stages by saving time.

- Easy and clean mixing thanks to 1:1 dosage
- High viscosity and workability
- Long working time
- It can be scanned with optical/laser/tactile systems.
- Suitable for molding techniques
- High details definition (40µm)
- Final hardness reached in short time
- High resistance to compression
- Compatibility with acrylic resins self and heat curing
- Heat resistance over 120°C
- It can be milled
- High colour contrast
- High dimensional stability over time

**Warning:** do not use latex gloves.

<table>
<thead>
<tr>
<th>COLOUR</th>
<th>red</th>
<th>blue</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIXING TIME</td>
<td>30''</td>
<td>30''</td>
</tr>
<tr>
<td>WORKING TIME*</td>
<td>2'45''</td>
<td>2'45''</td>
</tr>
<tr>
<td>SHORE A HARDNESS (after 24 hours)</td>
<td>70</td>
<td>90</td>
</tr>
<tr>
<td>DETAILS REPRODUCTION</td>
<td>40µm</td>
<td>40µm</td>
</tr>
<tr>
<td>LINEAR DIMENSIONAL CHANGE (after 24 hours)</td>
<td>-0,02%</td>
<td>-0,02%</td>
</tr>
<tr>
<td>ELASTIC RECOVERY</td>
<td>99,5%</td>
<td>99,5%</td>
</tr>
</tbody>
</table>

*measurement taken at 23°C.

Ergamix A+B is also available in 1,5 Kg + 1,5 kg package.
ERGASIL

ERGASIL - C silicone (condensation silicone) it’s not only easy to use but its features allow any technician to attain the highest precision in prosthesis’ manufacturing.

- High accuracy 50μm
- 92 SHORE-A hardness in a very short time
- Optimal mix viscosity and workability
- High resistance to compression
- Excellent adhesiveness to cyanoacrylate
- Compatible with self curing and non acrylic resins
- Resistant to heat
- Long working time
- Can use rotary instruments

<table>
<thead>
<tr>
<th>COLOUR</th>
<th>green</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIXING TIME</td>
<td>30 sec.</td>
</tr>
<tr>
<td>WORKING TIME*</td>
<td>4 min.</td>
</tr>
<tr>
<td>SHORE-A HARDNESS (after 24 hours)</td>
<td>92</td>
</tr>
<tr>
<td>ACCURACY (μm)</td>
<td>50</td>
</tr>
<tr>
<td>DIMENSIONAL VARIATION (after 24 hours)</td>
<td>-0,1%</td>
</tr>
<tr>
<td>STRAIN IN COMPRESSION</td>
<td>0,7%</td>
</tr>
<tr>
<td>RECOVERY FROM DEFORMATION</td>
<td>99,6%</td>
</tr>
<tr>
<td>RESISTANCE TO HEAT</td>
<td>over 120 °C</td>
</tr>
</tbody>
</table>

*tested at 23°C.

easy to use

Following the manufacturer’s proportions instructions will allow you to get the best out of Ergasil and take full advantage of the available working time.

Take one or more level spoonful of silicone and after flattening it spread a 5 cm long uniform line of catalyst for each spoon used.

Mix until you obtain a uniform color compound and the material will be ready for use.

Ergasil 4 minutes long working time allows you to position the material with care without risking to work on a silicone that is already setting.
XILGUM - Can be used for detailed fast reproductions of gum morphology to survey cervical limits in prosthesis manufacturing for implants, crowns, bridges, granting high precision.

- Can be scanned with optical/laser/tactile systems.
- Easily and safely workable thanks to double cartridge system 1:1
- Maximum fluidity
- Short setting time
- Final hardness 70 Shore A
- High details definition (20 μm)
- High dimensional stability
- Suitable for direct and in direct technique
- No retraction/deformation
- Easy finishing by knives or burs
- Natural colour

<table>
<thead>
<tr>
<th>WORKING TIME (23°C)</th>
<th>2’</th>
</tr>
</thead>
<tbody>
<tr>
<td>SETTING TIME (23°C)</td>
<td>10’</td>
</tr>
<tr>
<td>SHORE A HARDNESS</td>
<td>70</td>
</tr>
<tr>
<td>DIMENSIONAL CHANGE</td>
<td>-0,02%</td>
</tr>
<tr>
<td>(after 24 hours)</td>
<td></td>
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</tbody>
</table>

Sep Fluid

The insulating liquid XILGUM SEP FLUID, specially developed for XILGUM silicone, perfectly isolates impression materials and laboratory silicones ensuring minimum thickness without any residual surface for a perfect gingival reproduction.
**packaging**

**ERGAMIX 70 SHORE A**
Addition curing silicone

- **EGX070** 5 kg base + 5 kg activator
- **EGX370** 1.5 kg base + 1.5 kg activator

**ERGAMIX 90 SHORE A**
Addition curing silicone

- **EGX090** 5 kg base + 5 kg activator
- **EGX390** 1.5 kg base + 1.5 kg activator

**ERGASIL 92 SHORE A**
Condensation curing silicone

- **EGS001** 5 kg base
- **EGS160** 1.6 kg base

**ENERSYL**
Activator for Lascod condensation curing silicone

- **ENS060** 1 x 60 ml

**XILGUM**
Addition curing silicone for gingival masks reproduction

- **XLG070** 2 x 50 ml cartridges + 12 mixing tips + 10 ml Sep Fluid

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**other Lascod laboratory products**

**All Cleaner**: it removes alginate, plaster and cement residual parts from impression trays and instruments.

- **ALC100** 1 l. (=10 liter)
- **ALC500** 5 l. (=50 liter)
- **ACK015** 15 x 50g. (=15 liter)

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The photographic images here reproduced are purely indicative and are not necessarily identical to the actual products.