

Duplicating silicone **WaSil speed**

656070: WaSil speed 2 x 1 kg component A / B

656071: WaSil speed 2 x 6 kg component A / B

656072: WaSil speed 2 x 25 kg component A / B



USER MANUAL

Dear customer,

Thank you for choosing a product from the Wassermann range. Wassermann Dental-Maschinen incorporates the highest standards of quality and the latest technology.



Make sure that anyone using this device has read and understood this user manual.

Keep this user manual in a safe place where it can be referred to as required at any time.

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1 Features

- Addition-vulcanizing duplicating silicone, 1:1
- DIN EN ISO 14356
- Type 2 - irreversible
- Duplicating material
- For the adhesive tape and flasking techniques
- Easy and economical dosing
- Ideal low viscosity
- Suitable for mixing with dosing units
- We recommend the use of the Wassermann dosing and mixing unit Sidomix (172984)

2 Technical data

Mixing ratio	1 : 1
Vacuum mixing	40 sec.
Working time 23 °C	3–4 min
Curing time 23 °C	10 min
Tear strenght (DIN 53504)	ca. 2.2 N/mm ²
Elongation at tear (DIN 53504)	ca. 310 %
Tear-growth resistance (ASTMD 624 B)	> 6.5 N/mm ²
Hardness Shore A	> 24
Colour	turquoise



Technical changes reserved.

3 Scope of delivery

Item no.:	Name of the item
656070	WaSil speed 2 x 1 kg component A / B
656071	WaSil speed 2 x 6 kg component A / B
656072	WaSil speed 2 x 25 kg component A / B

4 Accessories

Mixing canulas

Item no.:	Name of the item
622002	Mixing canulas 1:1, Ø 5.4 mm inside, pink, 100 pieces, for dosing and mixing unit Sidomix and similar units

Adapter-set

Item no.:	Name of the item
172634	Adapter-set, for 2 x 1 kg-cask
172636	Adapter-set, for 2 x 6 kg-cask

Material cask

Item no.:	Name of the item
172640	Set material cask with quick fitting coupling, 2 x 2 liter

Stand

Item no.:	Name of the item
172631	Stand small, for 2 x 6 kg-cask
172632	Stand tall, for 2 x 25 kg-cask

Hoses

Item no.:	Name of the item
172633	Connecting hoses complete, 2 pieces

5 Application

Wassermann products are subjected to strict quality controls. All instructions for using the duplicating silicone, whether in verbal or written form, are based on our own experience and experimentation and can only be regarded as guidelines. Only use the product for this type of application.

WaSil speed is a rapid-curing, addition-curing duplicating silicone, developed especially for express jobs using adhesive crepe sleeves or flasks. WaSil speed can be removed from the duplicating form after just 10 minutes. Models to be duplicated should be at room temperature and should not be soaked. Any dirt on the surface is removed by spraying with a surfactant and by blowdrying carefully. Materials, such as gypsum hardener, grease, oils and some separators, can produce a negative reaction with WaSil speed (refer to „Incompatible materials“ below). After blocking out with a light-curing composite such as, the greasy layer on the surface should be carefully removed using ethyl alcohol. Lower working temperatures may lengthen the curing time by approx. 1 minutes; higher working temperatures may shorten the curing time respectively. Because both components have almost the same viscosity WaSil speed can be measured using the Wassermann dosing and mixing unit Sidomix (172984).

6 Incompatible materials

The following materials can produce a negative reaction with addition-curing silicones:

Soft polyvinyl chloride, polysulphide MIL-S-8516, Mystik® 6207 adhesive tape, Mystik® 6215 adhesive tape, Scotch® cellophane strips, Scotch® 360 adhesive tape, Permacel® masking tape, Pliobond® adhesive, Neoprene rubber Buna N rubber, Vitron®A rubber, colophony-based soldering flux, acid-based soldering flux, disinfectant, ISOLIT, cyanoacrylate glue, amino-hardened epoxy, Humiseal® 6215 adhesive tape, vinyl insulating tape, latex vacuum hoses, GRS rubber, natural gum, certain types of silicone and RTV rubber, SUPER-SEP, milling oils, sulphur compounds such as thiols, sulphides, sulphates, sulphites, thiourea and nitrogen compounds such as amines, amides, imides, acids.

If there is any doubt, we recommend testing the material before use.

7 Chemical characterisation

Polymerised dimethyl polysiloxane filler mixture

8 Dangerous reactions

No known dangerous reactions, if stored and used properly.

9 Directions

Store containers tightly sealed in a well-ventilated place. Keep containers dry. Keep away from water, alkalis, strong acids and oxidising agents.

10 Toxicity

None known

11 Ecological information

Present experience suggests that there is no detrimental effect on the environment, if it is used properly and current regulations are observed. It is non-biodegradable and insoluble in water when cured. It can be easily separated from water by filtering.

12 Disposal

Cured silicone is not harmful to the environment and can be disposed of along with domestic waste, as long as this does not contravene local bye-laws.

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