

Instructions for use

anaxCAM The Real

1. Content

Resin for manufacturing dental prostheses.

2. Storing

To be used by the date of expiry indicated on the package. Store the product in its package, do not keep it exposed to direct sun rays, keep the pack away from heat sources and in a dry place.

3. Use intended for

Material intended for the milling technique parts for dentistry. e.g.: bridges and crowns. In the case of anaxCAM The Real considering its particular mechanical characteristics, the millable hybrid composite is also suitable for the construction of bite and Toronto Bridge, with the correct design remaining in compliance with the minimum thickness. anaxCAM The Real is characterized by greater abrasion resistance and less translucency.

4. Specific instructions for use

The product anaxCAM The Real can be used with all milling machines that can process milling blanks with a Ø 98.5 mm. (Attention these data are purely indicative as they may vary depending on the equipment used).

5. Basic information on milling technology

(Attention these data are purely indicative as they may vary depending on the equipment used.)

First passage for roughing : Drill Ø 2.5mm. Rpm 25,000

Second passage: finishing: Drill Ø 1mm. Rpm 30,000

Feed speed: Medium

Cooling: Air or water

Type of drill: Tungsten

If the product has to be combined with metal parts, as there is no adhesion between materials, it is essential to create mechanical retentions.

If the product has to be combined with details made with acrylic resins and / or composites, it is possible to obtain better adhesion by using a product based on ethyl acetate.

6. Recommended colour scale

SMILE – CAM / M.H.C. / M-H.C. A.R.

7. Superficial colouring technique

- Slightly sandblast (2 bars) with 50 µm aluminium dioxide.
- Remove sandblasting residues with steam.
- Use a compound primer based on ethyl acetate, to facilitate adhesion.
- Use a brush to spread a thin and even layer of photopolymerizing lacquer.
- Polymerize following the manufacturer's indications.
- Mix pigments until the desired shade is obtained, with the same lacquer.
- Spread the pigmented lacquer on the surface and photopolymerize it.
- Once the colouring phase has been completed, spread a further protective layer and photopolymerize, again following the manufacturers' indications.

NOTE: The colouring made with photopolymerizing lacquers can entail a bacterial plaque adhesion. In addition, the photopolymerizing lacquer can, in time, wear out, leaving a rough surface beneath itself.

8. Finishing and polishing

- Use non-aggressive polishing pastes. (e.g. Universal Polish).
- Only use low-revolution cotton brushes, to avoid overheating the material (e.g.: a brush with a diameter of 20mm on a 20,000/40,000 rpm handle; polish at intervals of 5/10 seconds by pressing slightly; the same procedure must also be followed with brushes having a diameter of 80mm with 2800 rpm equipment). The product must be cleaned only with running water and possibly with the help of materials that are not too abrasive, not using ultrasonic equipment with acids that could change the material's characteristics. The material can undergo colour changes in the following cases:
 - If the material is overheated during the drilling phase;
 - If it remains in contact with carotene for long periods of time;
 - If no proper polishing is carried out;
 - If it is pigmented with light-sensitive spray, which, in addition to favouring bacterial plaque adhesion, can also tend to wear out, leaving a rough surface beneath.

9 Warnings

The product does not resist to chemical agents with oxidizing effect, nor does it tolerate strong acids (pH <4). During the finishing phase, use an air exhauster and/or a mask, so as not to breathe the dust. During the finishing and polishing phases, pay attention not to overheat the product, in that since it is a thermoplastic material, an unwanted change in the prosthesis could occur, with the subsequent release of irritant gases. In case small appliances are manufactured, pay attention not to leave sharp parts (in case of clasps); in case the finished appliance is not fixed, its size must not favour the swallowing of the device. **Warning:** the material is not visible with X-rays. Do not reuse the product. Never exceed the maximum temperature of 150° C. If, during the drilling phase, a strong smell of formaldehyde is noticed, it means that the drilling is taking place at a temperature close to the softening / melting temperature of the material. In this case, immediately cool the part concerned. If the material is processed at a temperature which is too high, mechanical changes of the material may occur, with probable repercussions on the final prosthetic item. Do not contaminate the product during the drilling phase. Do not mix the product with other materials. In case episodes of allergenicity to the material occur, immediately discontinue the application and contact a physician.

Possible wear when in contact with elements such as natural teeth / ceramics / zirconia. anaxCAM The Real can be used for long-term applications, with annual dental check-up without restriction (five years) Class IIa.



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10.1 Danger phrases

| | |
|-------------|---|
| H332 | Harmful if inhaled (intended for gases in case of thermal decomposition) |
| H317 | May cause an allergic skin reaction (intended for dust during the finishing stages) |
| H314 | Causes severe skin and eye burns (intended as contact with the melted polymer) |
| H320 | Causes eye irritation (intended for dust during the finishing stages) |
| H335 | May irritate the respiratory tract (intended for dust during the finishing stages) |

11. General advice

P 101 In case of consultation with a doctor, keep the container, instructions for use or label available.

11.1 Precautionary statements / prevention

P 202 Do not handle before reading and understanding all warnings

P 201 Keep away from heat / sparks / open flames heated surfaces / Do not smoke

P 206 Avoid breathing dust / fume / gas / mist vapors / aerosols

P 270 Do not eat or drink or smoke during use

P 281 Use the personal protective equipment required

P 234 + P 410 Keep in a cool place, protect from sunlight

11.2 Precautionary statements / reaction

P312 If you feel unwell, contact a poison control center or doctor

P311 + P312 In case of ingestion accompanied by malaise: contact a poison control center or contact a doctor

P332 + P313 In case of skin irritation: consult a doctor

P337 + P331 If eye irritation persists: consult a doctor

11.3 Conservation precautionary advice

P410 + P412 Protect from sunlight do not expose to temperatures above 50 ° C / 122 F

EUH 401 - To avoid risks to human health and the environment, follow the instructions

12. Information for the final user

Upon delivering the finished device, the dental technician must give the final user at least the following indications:

a) Do not clean the prosthesis with abrasive products or products for the cleaning of prostheses made of acrylic resin or metal prostheses; only use products for the oral hygiene.

b) Wash the prosthesis only with cold water, in any case the water temperature must never exceed 42° C.

c) Normal oral hygiene.

d) The device is not radio-opaque.

e) Wear and tear of the material due to bruxism and contact with abnormal antagonists.

f) Flammable device (synthetic resin)

g) In case episodes of allergenicity to the material occur, immediately discontinue the application and contact a physician.

h) report to the dental technician or directly to Pressing Dental S.r.l. any serious accident that has occurred in relation to the resin that constitutes the dental prosthesis.

