

# Pro Root X+

## Epoxy Based Root Canal Sealer

### TECHNICAL & SAFETY INSTRUCTIONS FOR USE



**COMPOSITION :** Pro Root X + resin, amine hardening agents, zirconium oxide, filling component, plasticizing agent.

**PROPERTIES:** Pro Root X + is produced as a dental kit: white paste and gray paste. Mixing of white and gray pastes, in equal proportions, forms plastic paste with film width of 5-10µm. Paste easily inserts into canal on gutta-percha points and isolates tooth root canals well. At room temperature 20-23°C paste keeps its plasticity during 4 hours. Paste hardens in root canal within 24 hours and forms bioinert amino resin with good adhesion and low solubility. Overfilling material in apex area will not lead to any complications. Pro Root X + is produced for using in aggressive biological medium with the temperature range between 32°C and 42°C (in oral cavity at the temperature (37±1)°C and humidity 60-90 %).

**INDICATIONS:** Pro Root X + is used for filling of tooth root canals with gutta-percha points.

**CONTRAINDICATIONS:** Drug idiosyncrasy, Do not misuse

**SIDE EFFECTS** As far as all terms of storing, transporting and application are observed, there are no side effects

**METHODS OF USE:** Attention! Storing of material at the temperature lower than 20°C can be the reason of white paste thickening (caused by viscosity growth in Pro Root X + resin). Mix white and gray pastes on glass plate or mixing pad with dry clean spatula at the weight ratio 1:1 till homogeneous consistency and color. Attention! Do not press too hard when closing the tube. Clean tube nozzle before closing. Tightly close the tubes without changing of caps: close gray tube with orange cap and white tube with white cap. Noncompliance of recommendations leads to pastes hardening in tubes and insufficiency in application. Insert the paste into sterile and dried canal with small portions using root needle or root canal filling instrument. Inserting and removing of paste with root canal filling instrument should be performed at low speed of rotation to avoid air bubbles in material. During filling with gutta-percha points, insert small amount of material into the canal and seal with points doped in paste. For condensation and obturation with hot gutta-percha it is recommended to use small amount of sealer for covering only the walls of canal. After filling of the canal make isolation and tooth crown restoration. Attention! Clean the instruments and mixing pad with solvents after work (alcohol, acetate, chloroform).

**STORAGE:** Store at the temperature from 5°C to 25°C Tightly close container immediately after use. Do not use after expiry date.

**Warning:** Avoid prolonged or repeated contact with skin (allergic contact dermatitis), and eyes. Avoid prolonged inhalation. Do not take it internally. Contact with the skin may cause irritation, burns of hypersensitivity. If contact with skin occurs immediately wipe off thoroughly with cotton and alcohol and then wash well with soap and water. If skin rash and sensitization or other allergic reaction occurs discontinue use and seek medical attention. If the product comes into contact with the eyes, rinse thoroughly with fresh water and consult a physician. It should not be used with patients who have a history of severe allergic reaction to any of the components.

**Presentation :** 1 x 6 gm Base, 1 x 8.5 gm Catalyst, RefNo. ED17-03 (tube) Paste, 1 x Mixing Pad, Applicator Tips

**Shelflife:** 3 Years.

**NOTE: TO BE USED BY DENTAL PROFESSIONALS ONLY.**

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**LOT** Symbol for "BATCH CODE" **U** Symbol for "USE BY" **NS** Symbol for "NON STERILE" **KD** Symbol for "KEEP DRY" **CA** Symbol for "CAUTION"  
**CE** SYMBOL FOR EUROPEAN COMMUNITY AUTHORIZED REPRESENTATIVE **SA** Symbol for "KEEP AWAY FROM SUNLIGHT"  
**CH** Symbol for "KEEP OUT OF THE REACH OF CHILDREN" **MA** Symbol for "MANUFACTURER NAME & ADDRESS" **CONS** Symbol for "CONSULT  
INSTRUCTION FOR USE" **REF** Symbol for "CATALOGUE NUMBER" **DD** Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"  
**TL** Ssymbol for "TEMPERATURE LIMITATION"

The material has been developed solely for professional dental use. Application should be carried out strictly according to the instruction for use. Liability cannot be accepted for damages resulting from failure to observe the instructions of the stipulated area of applications. The user is responsible for testing the material for its suitability and use for any purpose not explicitly stated in this instruction sheet. Description and data constitute no warranty of attributes and are not binding.