



Schottlander Opus PCF Instructions for Use

INTRODUCTION

Opus PCF is a rapid setting dental zinc polycarboxylate luting cement, base and liner according to EN ISO 9917-1:2007. It is adhesive to enamel and dentine and non-precious metals and gives rise to minimal pulpal reaction. It mixes with water for ease and convenience of use and is opaque and radiopaque.

INDICATIONS

Restorative cementation of crowns, bridges, inlays and onlays. Orthodontic cementation of bands. Base/Lining under composite, amalgam or glass ionomer. Temporary Filling.

CONTRA-INDICATIONS

Where a translucent cement is indicated.

PROPORTIONS

Cementation

- 1 blue scoop powder:
- 3 drops water (5:1 by mass)

Base/lining

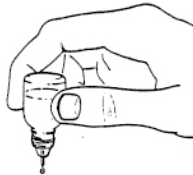
- 1 blue scoop powder:
- 2 drops water (7.5:1 by mass)

Temporary filling

- 1 blue scoop powder:
- 2 drops water (7.5:1 by mass)

DISPENSING AND MIXING

Fill the water dispenser supplied to a **maximum of two-thirds** with distilled or clean drinking water and place the plastic insert with the metal tube into the neck. Invert the powder bottle to "fluff" the contents to ensure correct volume. Measure out a level scoop onto a clean glass slab by drawing a flat blade across the surface, taking care not to compress the powder. Holding the bottle vertically (see diagram), dispense either two or three drops of water per scoop of powder. Divide the powder in half. Using a stainless steel spatula quickly mix one half with the water and



then add the remaining powder and continue mixing. Mix at 22-24°C, 40-60% relative humidity.

CLEANING

Clean the filling instrument or spatula immediately using running water.

STORAGE

Store in a cool dry place. Replace cap immediately after scooping out powder, as water uptake in humid conditions can adversely affect the properties.



HEALTH AND SAFETY

Powder contains polyacrylic acid.

Warnings: H314 Causes severe skin burns and eye damage. H410 Very toxic to aquatic life with long lasting effects.

Precautions: P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do not induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



For further information download a Safety Data Sheet from www.schottlander.com



LOT NUMBERS

The lot number and expiry date are shown on all containers.

This product is specifically formulated for use in dentistry.

Opus is an internationally registered trademark of Davis Schottlander & Davis Limited.

	Cementation Application 4.2.1	Base/lining/temporary filling Application 4.2.2
Proportion	1 blue scoop powder: 3 drops water 5:1 by mass	1 blue scoop powder: 2 drops water 7.5:1 by mass
Consistency	Thick cream	Putty
Mixing time	30 seconds	30 seconds
Working time (from start of mix) at 23° ± 1°C @ 50± 5% relative humidity.	1 min 50 seconds minimum	1 min 50 seconds minimum
Nett Setting time (from end of mix) at 36-38°C, 40-60% relative humidity.	6 minutes maximum	6 minutes maximum
Placement	Apply to restoration and seat as quickly as possible.	Place in cavity in thick sections. Leaving the mix to stand for approximately 30 secs before insertion reduces the tendency to stick to placement instrument.
Finishing	Remove excess cement immediately or when fully set. Do not attempt to remove cement while in rubbery state.	Remove excess cement immediately or when fully set. Do not attempt to remove cement while in rubbery state.
EN ISO 9917-1:2007 test mix 40-60% relative humidity.	P:L 150 g:0.30 g at 22-24°C	P:L 150 g:0.20 g at 22-24°C 40-60% relative humidity.

Note: Increased temperatures decrease manipulation and setting times and vice versa.