

# 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

1. Cementation of crowns, bridges, inlays and onlays.
2. Orthodontic cementation of bands and brackets.
3. Base/lining under composite, amalgam or glass ionomer.

### CONTRA-INDICATIONS

Where a translucent cement is indicated.

### PROPORTIONS

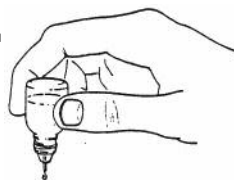
<b>Cementation</b>	1 blue scoop powder: 3 drops water (5:1 by mass)
<b>Base/lining</b>	1 blue scoop powder: 2 drops water
<b>Temporary filling</b>	(75:1 by mass)

### 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 away from direct sunlight. **Replace cap immediately after use as moisture uptake adversely affects the properties.** If the desiccant tablet turns pink discard the product.

### HEALTH AND SAFETY

Powder contains polyacrylic acid. Avoid contact with eyes. In the event of contact, rinse with plenty of water and seek medical advice.

**For further information request Safety Data Sheet.**

### 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.*

	<b>Cementation Application 4.2.1</b>	<b>Base/lining/temporary filling Application 4.2.2</b>
<b>Proportion</b>	1 blue scoop powder: 3 drops water 5:1 by mass	1 blue scoop powder: 2 drops water 75:1 by mass
<b>Consistency</b>	Thick cream	Putty
<b>Mixing time</b>	30 seconds	30 seconds
<b>Working time</b> (from start of mix) at 23° ± 1°C & 50 ± 5% relative humidity.	1 min 50 seconds minimum	1 min 50 seconds minimum
<b>Nett Setting time</b> (from end of mix) at 36-38°C, 40-60% relative humidity.	6 minutes maximum	6 minutes maximum
<b>Placement</b>	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.
<b>Finishing</b>	Remove excess cement immediately or when fully set. <b>Do not</b> attempt to remove cement while in rubbery state.	Remove excess cement immediately or when fully set. <b>Do not</b> attempt to remove cement while in rubbery state.
<b>EN ISO 9917-1:2007 test mix</b>	P:L 1.50 g:0.30 g at 22-24°C 40-60% relative humidity.	P:L 1.50 g:0.20 g at 22-24°C 40-60% relative humidity.

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