

GENERAL RECOMMENDATIONS

1. Cavity preparation must provide for the mechanical retention of the material.
2. Isolate field of operation in usual manner.
3. Dry cavities with cotton; avoid prolonged air drying.
4. Cavity varnishes are not indicated. Use a thin layer of DYCAL® or PRISMA® VLC DYCAL® Calcium Hydroxide Composition over pulpal exposures.
5. Place material directly into cavity preparation.
6. Use conventional method of matrix application, when indicated.
7. Have patient occlude; then trim excess material.
8. Initial set is about five (5) minutes from start of mix.
9. Patient should maintain occlusal pressure until material on mixing pad has set.
10. When carving or adjustment is necessary, use a round bur.
11. Increased temperature and/or humidity reduce available worktime.

DENTSPLY Caulk
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CAULK

DIRECTIONS FOR**IRM[®]**

Intermediate Restorative Material

TYPE III, CLASS 1

Caution: U.S. Federal Law Restricts This Device To Sale By Or On The Order Of A Dentist.

IRM[®] is a reinforced zinc oxide-eugenol composition for intermediate restoratives lasting up to one year. It is also used as a base. NOTE: BECAUSE OF ITS ZINC OXIDE-EUGENOL COMPOSITION, IRM WILL INTERFERE WITH SUBSEQUENT PLACEMENT OF A RESIN FILLING.

DISPENSING

Before dispensing, fluff powder to assure uniform bulk density of contents. Use CAULK[®] POWDER SCOOP #1 (large) to fill measuring scoop to excess without packing – then level scoop with spatula. Place powder on mixing pad. Dispense one drop of liquid for each level scoop of powder. After dispensing liquid, replace dropper cap immediately to prevent evaporation and subsequent contamination. Keep powder and liquid separated until ready for spatulation.

The recommended powder/liquid ratio is 6 to 1 by weight. If a thinner mix is used, some physical properties of the set material may be sacrificed. Excess liquid is provided with each bottle of powder. Remaining liquid should be discarded when it reaches the discard level indicated on bottle.

MIXING

Mix at normal room temperature and humidity ($72^{\circ} \pm 5^{\circ}$ F and $5\% \pm 50\%$ relative humidity). Use a suitable parchment pad and a spatulation technic which quickly and thoroughly combines 50% of the powder and the liquid. Bring the remaining powder into the mix in 2 or 3 increments and spatulate thoroughly. The mix will appear quite stiff and should be stropped (wiped vigorously) for 5 to 10 seconds. This type of mix results in a working consistency that is smooth and adaptable. The mix should be completed in approximately one (1) minute.