

Dycal®

Radiopaque Calcium Hydroxide Composition

Generic description/Marketing slogan

- Calcium hydroxide liner and pulp capping
- The world's foremost pulp protection

Short product description/Key properties

Dycal is a rigid, self-setting, radiopaque calcium hydroxide composition. It will not inhibit the polymerization of acrylic and composite restorations. Dycal is available in tubes and in CFC-free pressure packs.

Indication

- Direct and indirect pulp capping
- Protective liner under dental filling materials, cements, and other base materials



Features

Stimulates formation of secondary dentine

Alkaline pH

Impenetrable by acid

Radiopaque

High compressive strength, Rapid and hard setting

Compatible with all types of lining and filing materials

Long term clinical endorsement

Paste/paste system or Pressure pack

Ivory and dentine shade

Benefits

Use confidently for direct or non direct pulp capping, helps restore pulp vitality

pH level raised preventing bacterial growth: bactericidal effect

Protects against acid used during etch of enamel

Easy distinguishable from dentine and caries on radiograph

Withstands condensation of amalgam

Versatile use in anterior and posterior situations
Good aesthetics

Proven efficacy and security

Convenient use and dosage
More economy, less waste, more precise dosage

Meets clinicians needs
Ivory shade: no shine through

For better dentistry

DENTSPLY

Other Dental Brands in this segment

Calcicur (Voco), Life (KerrHawe), Alkaliner™MiniTip™ (3M™ESPE™)

USP

Looking back at 40 years of successful clinical history, Dycal can be used under any restorative material and is THE reference for pulp capping.

Composition

Base paste

- 1,3-Butylenglycoldisalicylate
- Zinc oxide
- Calcium phosphate
- Calcium tungstate
- Iron oxide pigments

Catalyst paste

- Calcium hydroxide
- N-ethyl-o/p-toluene sulfonamide
- Zinc oxide
- Titanium dioxide
- Zinc stearate
- Iron oxide pigments (dentine shade only)

Key material properties

Mixing time	0:10
Working time	2:30
Setting time	3:30
Solubility	2%
Strength	26 MPa
pH value	Around 10
Radiopacity	5.89 mm AL
Shelf life	3 years

Launch date

1966

Most important studies

N.A.

Presentation forms

Dycal® Pressure Packs CFC-Free	Shade Ivory 1 dispenser base 29 g 1 dispenser catalyst 26 g Mixing pads	611.07.002
Dycal® Tubes Standard Pack	Shade Dentine 1 tube base paste 13 g 1 tube catalyst paste 11 g	611.06.501
Dycal® Tubes Standard Pack	Shade Ivory 1 tube base paste 13 g 1 tube catalyst paste 11 g	611.05.501
Dycal® Tubes Eco Packs (6-packs)	Shade Dentine 6 tubes base paste each 13 g 6 tube catalyst paste each 11 g	611.06.606
Dycal® Tubes Eco Packs (6-packs)	Shade Ivory 6 tubes base paste each 13 g 6 tube catalyst paste each 11 g	611.05.606
Dycal® Accessories	Mixing Pad Mixing/Placement Instrument	611.05.990 61105997D