

Jet Set-4™ Acrylic Resin



For consistent results always shake liquid before use, as catalyst may have separated from monomer.

- **Jet Set-4™ acrylic cures quickly, considerably faster than conventional self cure acrylics. Be prepared for short working time.**

FOR JET SET-4™ TOOTH SHADE

Intended Purpose

Fabrication, by a dental professional, of very fast-curing provisional crowns and bridges intended to remain in the mouth for less than 30 days.

Other Materials / Equipment Needed

1. Silicone lubricant
2. Acrylic bur or stone
3. Aquapres® (pressure curing unit), optional
4. Jet™ Adjusters (acrylic stains), optional
5. Jet™ Seal (acrylic sealant), optional

Instructions for Use

1. Coat the prepared tooth and surrounding tissue with a silicone lubricant to allow easy removal of acrylic from prep and to protect the tooth and surrounding tissue.
2. Fill the impression of the tooth that was extracted or prepared with Jet Set-4™ acrylic as follows. Moisten surface with Jet Set-4™ liquid. Spray on Jet Set-4™ powder from dispenser bottle. Alternate liquid and powder until impression is filled. For best results, begin and end with liquid.
3. Seat impression in mouth and hold in place for 1 ½ minutes. Remove and trim excess acrylic. Do not over trim.
4. Reseat impression in mouth and place in and out of patient's mouth until material reaches a rubbery state and cannot be distorted. CAUTION! Do not allow material to get hot in mouth!
5. Remove impression from patient's mouth. Allow an additional 4 minutes for curing and cooling, either on

- bench, or for better results, in Aquapres® at 30 psi.
6. Remove provisional from impression and check for fit.
 7. Trim excess material with an acrylic bur or stone. Grind to a smooth finish.
 8. Modify shade with Jet™ Adjusters if desired. Polish using Jet™ Seal.
 9. Clean patient's teeth of any residual silicone lubricant. Place provisional into mouth and secure with suitable temporary cement.

FOR JET SET-4™ DENTURE REPAIR

Intended Purpose

Fabrication, by a dental professional, of denture repairs

Other Materials / Equipment Needed

1. Liquid Foil (Tin foil substitute solution)
2. Sticky wax or super glue
3. Acrylic Primer (Acrylic bonding agent)
4. Jet™ Seal (Acrylic Sealant), optional
5. Aquapres® (Pressure curing unit), optional

A. Repairing a Broken Denture

1. Reassemble pieces of denture with sticky wax or super glue.
2. Pour a cast of denture using plaster or stone.
3. After cast is set, trim and remove pieces of denture.
4. Apply Liquid Foil solution to the cast.
5. Grind broken edges of denture to a beveled edge. Reduce thickness in half, extending approximately 4 mm from each side of fracture.
6. Paint a thin coat of Acrylic Primer over fractured edges to ensure a strong, uniform bond with new acrylic.
7. Place broken pieces of denture on the cast. Moisten the fractured edges with Jet Set-4™ liquid. Apply Jet Set-4™ powder to moistened area. Alternate applications of liquid and powder until the area to be repaired is filled. Overfill slightly to allow for finishing.

8. Let bench cure for 30-60 seconds. Allow an additional 5 minutes for complete curing. Bench cure at room temperature, or for better results, cure in Aquapres® at 30 psi.
9. Remove denture from cast after acrylic is cured. Remove excess acrylic with an arbor band or stone. Grind to a smooth finish.
10. Paint with Jet™ Seal for a hard lustrous shine, if desired.

B. Replacing Denture Teeth

1. Clean tooth socket.
2. Choose a denture tooth similar in size, color and shape to original tooth.
3. Prepare denture by reducing the lingual area of the tooth socket enough to accommodate the new tooth. Leave the labial portion of the tooth socket intact to aid in repositioning new tooth.
4. Paint a thin coat of Acrylic Primer on socket area.
5. Insert a drop of Jet Set-4™ liquid into socket. Add enough Jet Set-4™ Powder to absorb the liquid.
6. Allow the acrylic to set for 30 seconds, then push the new tooth into the socket and hold in aligned position. Alternate applications of liquid and powder until the lingual area of the tooth is slightly overfilled.
7. Hold the tooth in place until the new acrylic is dull in appearance (approximately 2 minutes). Allow an additional 5 minutes for complete curing. Bench cure at room temperature, or for better results, cure in Aquapres® at 30 psi.
8. Remove excess acrylic with a bur or stone after denture is cured. Grind to a smooth finish.
9. Paint with Jet™ Seal for a hard lustrous shine, if desired.

Handling Precautions

Contains methacrylate

Warning. Flammable liquid and vapor. Keep away from heat/sparks/open flames/hot surface. – No smoking.

Causes skin irritation. May cause an allergic skin reaction.

Causes serious eye irritation.

May cause respiratory irritation.

Wear protective gloves/protective clothing/eye protection/
face protection.

Keep material in original container, tightly closed, in upright
position. Store in a well-ventilated place. Keep cool.

Disposal

Dispose of contents and container in accordance with all
local, regional, and national regulations.

Warranty

Manufacturer warrants this product to be free from manufac-
turing defects for one year from date of purchase only from
an authorized reseller. Warranty is void if product is not used
for intended purpose, not used as instructed or not stored in
original container.

Lang Dental Mfg. Co., Inc.

175 Messner Dr

Wheeling, IL 60090 USA

www.langdental.com

Ph. +1 847-215-6622

Fax +1 847-215-6678

Made in USA

LANG[®]



MediMark[®] Europe

11 rue E. Zola

38100 Grenoble

France



Note: Any serious incident that has occurred in relation to this
device should be reported to the manufacturer and the com-
petent authority of the Member State in which the user and/or
patient is established.

© 2022 Lang Dental Mfg. Co., Inc. LANG and AQUAPRES are the registered
trademarks of Lang Dental Mfg. Co., Inc. JET SET-4 and JET are the trademarks
of Lang Dental Mfg. Co., Inc. All rights reserved.

LDD 38M R. 0 2022-03