

# Ortho-Jet™ Crystal Acrylic Resin

## Intended Purpose

Fabrication, by a dental professional, of fast-curing orthodontic appliances

## Other Materials / Equipment Needed

1. Orthodontic wire
2. Sticky wax
3. Liquid Foil (Tin foil substitute solution)
4. Arbor band or stone
5. Jet™ Seal (acrylic sealant), or pumice and high shine
6. Aquapres® (pressure curing unit), optional

## Instructions for Use



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

1. On a prepared model, bend wire in conventional manner.
2. Attach wire to model with sticky wax.
3. Place model in water and soak for five minutes.
4. Remove model from water and blow off excess water. Paint a thin coat of Liquid Foil on model and let dry for about one minute.
5. Moisten surface with Ortho-Jet™ Crystal liquid. Then apply Ortho-Jet™ Crystal powder from dispenser bottle. Alternate liquid and powder until desired shape and thickness is achieved. Always begin and end with liquid for best results. **IMPORTANT: To obtain the crystal clear appearance, use enough liquid to fully dissolve all the powder beads.**
6. Allow acrylic to gel for approximately two minutes. Cure acrylic while still on model an additional 10 minutes, either on bench or, for better results, in Aquapres® at 30 psi.
7. Remove from model after acrylic is cured and trim using an arbor band or stone. Grind to a smooth finish.
8. Polish using Jet™ Seal, or pumice and high shine.

## Handling Precautions

Contains methyl methacrylate

Danger. Highly flammable liquid and vapor. Keep away from heat/sparks/open flames/hot surface. – No smoking.

Causes skin irritation. May cause an allergic skin reaction. 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 local, regional and national regulations.

## Warranty

Manufacturer warrants this product to be free from manufacturing 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.



MediMark® Europe. 11 rue E. Zola  
38100 Grenoble. France



Lang Dental Mfg. Co., Inc.

175 Messner Dr

Wheeling, IL 60090 USA

[www.LangDental.com](http://www.LangDental.com)

Made in USA

Ph +1 847-215-6622

Fax +1 847-215-6678

The logo for LANG, featuring the word 'LANG' in a stylized, italicized font with a registered trademark symbol. A horizontal line with a small arrowhead pointing to the left is positioned above the letters.



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

© 2023 Lang Dental Mfg. Co., Inc. LANG and AQUAPRES are the registered trademarks of Lang Dental Mfg. Co., Inc. ORTHO-JET and JET are the trademarks of Lang Dental Mfg. Co., Inc. All rights reserved.

LDD 02 R. 1 2023-06