



# Technical Bulletin

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## DAP® '1012'® Window Glazing

- For face glazing metal window frames
- Forms an airtight, watertight seal
- Resists sagging and cracking
- Allows for expansion and contraction
- Meets ASTM C 669 specification
- Needs no painting

### Company Identification:

Marketed by: CRL

Order Information: 800-421-6144

Also, visit the CRL website at [www.crlaurence.com](http://www.crlaurence.com).

### Product Description:

DAP® '1012'® Glazing is a professional quality glazing compound that may be used for face glazing interior or exterior aluminum, primed steel, stainless steel and bonderized galvanized steel. It handles and smoothes with a minimum of effort and provides a durable seal that resists weathering, vibration, expansion and contraction. Meets the requirements of ASTM C 669.

### Suggested Uses:

Ideal for face glazing metal window frames.

**NOTE:** Do not use DAP® '1012'® Glazing for windowpanes over 48 inches in any dimension. Do not use DAP® '1012'® Glazing for glazing wood sashes, porcelainized steel insulating panels, insulated glass units with organic seals, composite or composition panels, plastic windowpanes, channel glazing or for stained/leaded glass projects.

### Performance Characteristics

Meets ASTM Specification C 669 for glazing compounds for back-bedding and face glazing of metal sashes. (This specification replaces the discontinued TT-G410E and CID AA-373A specifications).

### SURFACE PREPARATION & APPLICATION

1. Surface should be clean, dry and free of frost.

2. Sash corners must be sealed. Sash must be adjusted prior to glazing and sufficiently rigid to permit normal operation without excessive bending or flexing. Adjustment of freshly glazed sash will rupture the adhesive bond of the glazing material to the glass and sash.
3. When reglazing, remove all old glazing compound from glass and sash.
4. Mix entire contents of container to ensure uniform consistency. If the compound is too stiff, the addition of a minimum amount of VM and P Naphtha Spirits (not to exceed 1-1/2oz. for each one gallon of compound) will reduce the thickness. Do not add any type of oil or pigment to the compound.
5. Bring compound to room temperature prior to use for best workability.
6. Apply DAP® '1012'® Glazing to metal sash to provide back-bedding for the glass. Use spacer shims at quarter points to maintain 1/8" minimum bedding thickness. There should be no metal to glass contact. If windowpane size is over 24" in horizontal dimension, use setting blocks at quarter points on bottom rail. Press glass firmly into place.
7. For clear glass maintain 1/4" minimum contact area between glass and compound.
8. For heat absorbing glass, 3/8" minimum contact area is required.
9. Apply clips at quarter points of windowpane, spacing them no more than 18" apart. For inside glazed sash, space clips no more than 12" apart.
10. Press glazing onto sash filling height and width of L-shaped recess completely.
11. Smooth glazing to an angle that sheds water and glaze corners to a rounded finish.

***Additional Application Guidelines:***

- Do not apply DAP® '1012'® Glazing when air or sash temperatures are below 40°F or above 90°F or during damp, rainy weather. When ambient temperature is expected to be higher than 90°F, apply glazing after temperature starts falling.
- Always back-bed with DAP® '1012'® Glazing.
- Remove excess glazing with mineral spirits before it sets. After setting, excess glazing must be cut or scraped away.
- Under most conditions, a firm set will be attained in 7-21 days. The drying time is approximately three weeks, depending on temperature, humidity, air movement, sunlight and fill volume. The compound will not suffer damage from casual fingering at this stage. However, the sash should be operated carefully to avoid possible adhesion loss. Full adhesion will develop within two to four months, depending on the job conditions.
- Does not require painting. If painting is desired, glazing may be painted with oil or latex-based paint after it has skinned over and attained a firm set (7-21 days depending on temperature, humidity and volume of fill). Prime first with oil-based primer if using latex-based paint. When painting is being done, the paint line should overlap onto the glass on the face portion, as well as the bedding area of the sash and glass.

**Physical & Chemical Characteristics:**

Consistency:	Knife Grade
Vehicle:	Blend of vegetable oils and plasticizer
Volatile:	Mineral Spirits
Filler:	Inorganic Fillers and Color Pigments
Odor:	Mild, pleasant
Weight/Gallon:	17.4 ± .2 pounds/per gallon
Solids:	Over 98% by weight
Shelf Life:	1 Year Minimum
Temperature Service Range:	-20°F to 160°F
Application Temperature Range:	40°F to 90°F
Drying Time:	Two to three weeks depending on temperature and relative humidity

**Painting:**

Painting is not necessary. However, it may be painted after it has skinned over and attained a firm set. Takes either oil or latex-base paint (primewith oil-based primer before painting with latex paint).

<b>Color</b>	<b>Container</b>
Gray	Qt. Can
Gray	Gal. Can
Gray	3.5 Gal. Can

**Clean Up:**

Clean tools immediately after use with mineral spirits. Be sure container lid is closed and tightly sealed. Store in a cool, dry place.

**Safety:**

See product label and Material Safety Data Sheet for safety information. You can request an MSDS sheet by visiting our website at [www.crlaurence.com](http://www.crlaurence.com).