



Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224
Phone: 410-675-2100 or 800-543-3840

Revised: 7/08/05

DAP® '33'® Glazing

- Forms an airtight, watertight seal
- Resists sagging and cracking
- Allows for expansion and contraction

Company Identification:

Manufacturer: DAP Inc.
Marketed by: DAP Inc., 2400 Boston Street, Baltimore, Maryland 21224
Usage Information: DAP HELPLINE: 888-DAP-TIPS, 9:00 am to 7:00 pm EST.
Order Information: 800-327-3339
Fax Number: 410-534-2650
Also, visit the DAP website at www.dap.com.

Product Description:

DAP® '33'® Glazing is a ready-to-use glazing compound that may be used for face glazing wood or metal sash. Its knife-grade quality allows for smooth, easy application. DAP® '33'® Glazing sticks tight to glass and sash for an airtight, watertight seal that resists sagging, shrinking, chalking and cracking. It stays flexible throughout minor expansion and contraction and outlasts ordinary putty.

Suggested Uses:

For face glazing wood or metal window frames.

NOTE: Do not use DAP® '33'® Glazing on plastic window panes, insulated glass units with an organic seal, any windowpane over 48 inches in length, or any metal sash with rabbets over 1 1/4" wide. DAP® '33'® Glazing is not recommended for stained/leaded glass projects.

SURFACE PREPARATION

- Surfaces should be clean, dry and free of frost.
- 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 disrupt the adhesive bond of the glazing material to the glass and sash.
- When re-glazing, remove all old glazing compound from glass and sash.
- For wood sash applications, prime sash with an oil-based primer and allow primer to dry.

APPLICATION

NOTE: Do not apply DAP® '33' Glazing when air or sash temperature are below 40°F. Do not apply during damp or rainy weather. Do not apply if rain is forecasted within 24 hours. Do not apply when air or sash temperature exceeds 90°F.

- If any separation has occurred in glazing, mix entire contents of container until uniform. Do not thin glazing.

- Bring compound to room temperature (68-72°F, 21-23°C) prior to use for best workability. If necessary, place glazing in a gloved hand to warm and soften.
- Apply DAP® '33'® Glazing to backstop of sash to provide back bedding where glass is to be set. Minimum thickness of back bedding is 1/8".
- For metal sash, use spacer shims at quarter points to maintain 1/8" minimum bedding thickness. There should be no metal or wood to glass contact.
- Press glass firmly into place. If glass size is over 24" in horizontal dimension, use setting blocks at quarter points on bottom rail. For clear glass maintain 1/4" minimum contact area between glass and compound. For heat absorbing glass, 3/8" minimum contact area is required.
- Install glazier's points or clips at quarter points of windowpane to hold glass. Space points/clips no more than 18" apart for outside glazed sash. For inside glazed sash, space them no more than 12" apart.
- Press glazing onto sash filling height and width of L-shaped recess completely.
- Smooth glazing to an angle that sheds water and glaze corners to a rounded finish.
- Remove excess glazing with mineral spirits before it sets.
- After setting, excess glazing must be cut or scraped away.

PAINTING

- DAP® '33'® Glazing must be painted after it has skinned over and attained a firm set. This condition is typically determined by not leaving a fingerprint after a light finger touch to the surface. While this condition may occur in as little as 7 days, it is not unusual to have 2 or 3 weeks lapse before this condition takes place. Use either a high quality exterior-grade oil-base paint, or prime with a high quality oil-based primer and topcoat with a high quality exterior-grade acrylic-latex paint finish. When painting, the paint line should overlap onto the face portion, as well as the bedding area of the sash and glass.

NOTE: The compound may still feel soft after it has skinned over and attained a firm set. Sash should be operated carefully for approximately three weeks on the average. The compound has good adhesion, but may still be damaged if sash is handled carelessly. Full adhesion will develop within two to four months, depending on the job conditions.

Additional Application Guidelines:

- Always back-bed with DAP® '33' Glazing.
- Always use a high quality exterior oil-based paint for a professional finish.

Physical & Chemical Characteristics:

Consistency:	Knife Grade
Vehicle:	Blend of Soya, Polymerized Linseed and Mineral Oils
Volatile:	Aliphatic Hydrocarbons
Filler:	Inorganic Fillers and Color Pigments
Odor:	Mild, pleasant
Weight/Gallon:	18.4 ± .2 pounds
Solids:	99 ± 0.5% by weight
Shelf Life:	1 Year minimum in a sealed container
Temperature Service Range:	-20°F to 160°F
Drying Time:	Approximately three weeks depending on temperature, humidity, air movement, sunlight, and fill volume
Painting:	Apply a high quality oil-base paint after product has skinned over and attained a firm set. High quality exterior latex paint can be used if primed first with oil-base primer.
Packaging:	White '33' Glazing

UPC
12120

Size
½ pt.

Container
Tub

12122	1 qt.	Tub
12019	1 gal.	Pail
12124	3 ½ gal.	Pail
71151	237 ml	Tub
71112	946 ml	Tub
71090	3.78 L	Pail

MSDS No.: 00010401001

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 (MSDS) for safety information. You can request an MSDS by visiting our website at www.dap.com or by calling 888-DAP-TIPS.

Warranty Information:

If you are not satisfied with this product's performance when used as directed, return used container and sales receipt to DAP Inc., Technical Customer Service, 2400 Boston Street, Suite 200, Baltimore, MD 21224 for product replacement or sales price refund. DAP will not be liable for incidental or consequential damages.