

PROFORM[®] BRAND JOINT TAPE

MANUFACTURER

National Gypsum Company
2001 Rexford Road
Charlotte, NC 28211
(704) 365-7300

Technical Information:
1-800-NATIONAL
(1-800-628-4662)

Fax: 1-800-FAX NGC1
(1-800-329-6421)

Internet Home Page:
nationalgypsum.com
nationalgypsum.com/espanol
09 29 00/NGC BuyLine: 1100

DESCRIPTION

ProForm[®] BRAND Joint Tape conceals and reinforces gypsum board joints. The tape is buffed on both sides to ensure the best working qualities and bond. A center creasing process allows easy folding for use at corners.

BASIC USES

ProForm Joint Tape is designed for use with ready mix or setting-type joint compounds and gypsum veneer plaster systems to conceal and reinforce joints of interior walls and ceilings.

ADVANTAGES

- Buffed on both sides for better bond.
- Center crease for ease of folding at corners.
- Easy to apply.
- High strength to resist distortions such as stretching, wrinkling and tearing.

DELIVERY AND STORAGE OF MATERIALS

All materials should be delivered in their original, unopened packages and stored off the ground in an enclosed shelter and protected from weather. Damaged or deteriorated materials should be removed.

STACKING

ProForm Joint Tape should not be stacked more than two pallets in height.

MATERIAL

Cross-fibered paper -
2-1/16" wide



TECHNICAL DATA

PACKAGING & COVERAGE

Package	Coverage Sq. Ft. per roll
75 ft. (22.8 m) Roll - 20 per Carton	200
250 ft. (76.2 m) Roll - 20 per Carton	665
500 ft. (152.4 m) Roll - 10 per Carton	1,330
Coverage - Approximately 375 sq. ft. per 1,000 sq. ft. of gypsum board	

(Continued next page)

Job Name _____

Contractor _____ Date _____

Submittal Approvals: (Stamps or Signatures)

APPLICABLE STANDARDS AND REFERENCES

ASTM C 840

Gypsum Association GA-216

Gypsum Association GA-214

National Gypsum Company, *Gypsum Construction Guide*

ProForm BRAND, *Drywall Finishing Products Construction Guide*

JOINT COMPOUND DRYING TIME GUIDE

Approximate Drying Times: Ready Mix Joint Compound

R.H.	Temperature						
	32°	40°	50°	60°	70°	80°	100°
0%	38/H	28/H	19/H	13/H	9/H	6/H	3/H
20%	2/D	34/H	23/H	16/H	11/H	8/H	4/H
40%	2.5/D	44/H	29/H	20/H	14/H	10/H	5/H
50%	3/D	2/D	36/H	24/H	17/H	12/H	6/H
60%	3.5/D	2.5/D	42/H	29/H	20/H	13.5/H	8/H
70%	4.5/D	3.5/D	2.25/D	38/H	26/H	19.5/H	10/H
80%	7/D	4.5/D	3.25/D	2.25/D	38/H	27/H	14/H
90%	13/D	9/D	6/D	4.5/D	3/D	49/H	26/H
98%	53/D	37/D	26/D	18/D	12/D	9/D	5/D

Note: R.H. = Relative Humidity D = Days (24 hour period) H = Hours

The chart above is a helpful guide in determining approximate drying times for joint compounds under a variety of humidity/temperature conditions. Shaded area is below the minimum application temperature requirement of 50° and is not recommended for the application of joint compound.

INSTALLATION

RECOMMENDATIONS

Installation of ProForm Joint Tape should be consistent with methods described in the noted standards and references and as indicated below.

ENVIRONMENTAL CONDITIONS

In cold weather (outside temperature below 50°F [10°C]), temperatures within the building should be maintained at a minimum 50°F (10°C), both day and night, during joint finishing. Adequate ventilation should be provided to eliminate excess moisture.

Wet/damp conditions slow the drying process. Adequate drying time is essential to prevent unwanted conditions such as delayed shrinkage. Subsequently, 24 hours' drying time between coats may not be sufficient. (See *Joint Compound Drying Time Guide* above).

PROFORM JOINT TAPE TREATMENT WITH READY MIX JOINT COMPOUNDS

Apply a uniform layer of ready mix joint compound approximately 4" wide over the joints of the gypsum board. Center ProForm Joint Tape over the joint and embed in the compound to ensure a proper bond. Using a broad knife or trowel, remove excess material leaving about 1/32" of compound under the tape and then apply a thin coat of compound over the tape.

Ceiling and wall angles are treated by folding the ProForm Joint Tape to fit the angles and embedding it in the compound. After the compound is thoroughly dry (see *Joint Compound Drying Time Guide* above) apply a second coat of ready mix, feathering about 2" beyond the first coat of compound.

Continue this process until the desired finish is achieved.

All inside corners should be finished with at least one coat of ready mix joint compound with the edges feathered out.

All nail or screw head dimples and flanges of trim beads should receive two coats of ready mix joint compound. The second coat over the beads should be feathered out 9" on both sides.

Allow each application of ready mix joint compound to dry thoroughly, then wet sand if necessary. If dry sanding is preferred, ventilate using an approved respirator and wear eye protection.

PROFORM JOINT TAPE TREATMENT WITH FAST SETTING JOINT COMPOUNDS

Mix the fast setting joint compound per manufacturer's instructions. Do not contaminate the compound with other materials, dirty water or previous mixes. Do not re-temper.

Apply the fast setting joint compound to the joint. Center ProForm Joint Tape over the joint line and embed into the soft compound. Using a broad knife or trowel, remove excess material leaving about 1/32" of compound under the tape.

Allow the treated joints to set prior to the next coat of compound.

PROFORM JOINT TAPE TREATMENT WITH GYPSUM VENEER PLASTER SYSTEMS

Trowel gypsum veneer plaster over the joint line filling the channel formed by the tapered edges of the Kal-Kore® Plaster Base in an even fashion.

Center ProForm Joint Tape over the joint line and embed the tape into the soft plaster. Using a trowel, remove excess material leaving about 1/32" of plaster under the tape.

Allow the treated joints to set prior to general plaster application.

NOTE: For Gypsum Veneer Plaster, during cold weather, maintain a temperature of 55°F (13°C) to 70°F (21°C) before, during and after installation of all system components until veneer plaster has dried.

DECORATION

Before paint, wallcovering or other decorating materials are applied, all areas must be thoroughly dry, dust free and treated with a coat of good-quality, high solids, flat latex primer.

The selection of a paint to give the specified or desired finished characteristics is the responsibility of the architect or contractor.

Gypsum Association GA-214, *Recommended Specification for Levels of Gypsum Board Finish*, should be referred to in order to determine the level of finishing needed to assure a surface properly prepared to accept the desired decoration.

National 
Gypsum®