

ProForm® Paper Joint Tape

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Technical Information
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DESCRIPTION

ProForm® Paper Joint Tape conceals and reinforces drywall 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. Meets ASTM Standard C475.

BASIC USES

Applications

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.
- Achieves UL GREENGUARD Gold Certification for low chemical emissions into indoor air during product usage. For more information, visit: ul.com/gg.

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

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

Material

Cross-fibered paper – 2-1/16" wide.

INSTALLATION RECOMMENDATIONS

General

Installation of joint tape should be consistent with methods described in the noted references and standards and as indicated on the following pages.



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. (Refer to the *Approximate Drying Times Chart* on the next page.)

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 drywall. Center 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 (Refer to the *Approximate Drying Times Chart* on the next page), 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 trims 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.

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Job Name _____

Contractor _____ Date _____

Submittal Approvals: (Stamps or Signatures)

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TECHNICAL DATA

Physical Properties

Packaging	Rolls: 75' (22.9 m), 20 rolls/carton 250' (76.2 m), 20 rolls/carton 500' (152.4 m), 10 rolls/carton
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Approximate Drying Times

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

The chart above is a helpful guide in determining the approximate drying times for joint compounds under a variety of humidity/temperature conditions. Shaded area is below the minimum application temperature requirement of 50°F (10°C) and is not recommended for the application of joint compound.

Materials Estimating and Coverage

Sq. Ft. of Wall/Ceiling	Gypsum Board Size			Joint Compound	Joint Tape/Ft.	Nails/Ct.
	4'x8'	4'x10'	4'x12'			
100	4	3	3	12-14 lbs. / 1.0 gal.	35	168
200	7	5	5	25-28 lbs. / 1.8 gal.	70	294
300	10	8	7	37-42 lbs. / 2.7 gal.	105	420
400	13	10	9	49-56 lbs. / 3.6 gal.	140	546
500	16	13	11	62-70 lbs. / 4.5 gal.	175	672
600	19	15	13	73-84 lbs. / 5.4 gal.	210	798
700	22	18	15	86-98 lbs. / 6.3 gal.	245	924
800	25	20	17	98-112 lbs. / 7.2 gal.	280	1,050
900	29	23	19	110-126 lbs. / 8.1 gal.	315	1,218
1,000	32	25	21	123-140 lbs. / 9.0 gal.	350	1,344
1,100	35	28	23	135-154 lbs. / 9.9 gal.	385	1,470
1,200	38	30	25	148-168 lbs. / 10.8 gal.	420	1,596
1,300	41	33	28	160-182 lbs. / 11.7 gal.	455	1,722
1,400	44	35	30	172-196 lbs. / 12.6 gal.	490	1,848
1,500	47	38	32	184-210 lbs. / 13.5 gal.	525	1,974

Applicable Standards and References

ASTM C475 *Standard Specification for Joint Compound and Joint Tape for Finishing Gypsum Board*

ASTM C840 *Standard Specification for Application and Finishing of Gypsum Board*

ASTM E119 *Standard Test Methods for Fire Tests of Building Construction and Materials*

Gypsum Association, GA-214, *Levels of Finish for Gypsum Panel Products*

Gypsum Association, GA-216, *Application and Finishing of Gypsum Panel Products*

ProForm Finishing Products, LLC Manufacturer Standards, *NGC Construction Guide*

ProForm Finishing Products, LLC, *ProForm® Finishing Products Construction Guide*

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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 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 board 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, wall covering 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, *Levels of Finish for Gypsum Panel Products*, should be referred to in order to determine the level of finishing needed to assure a surface properly prepared to accept the desired decoration.

FOR MORE INFORMATION

Architectural Specifications

ProForm Finishing Products CSI MasterFormat® 3-part guide specifications are downloadable as editable Microsoft® Word documents at: proformfinishing.com.

Latest Technical Information and Update

Visit proformfinishing.com or call National Gypsum Company Construction Services: 1-800-NATIONAL (628-4662).

Technical Information Información Técnica

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