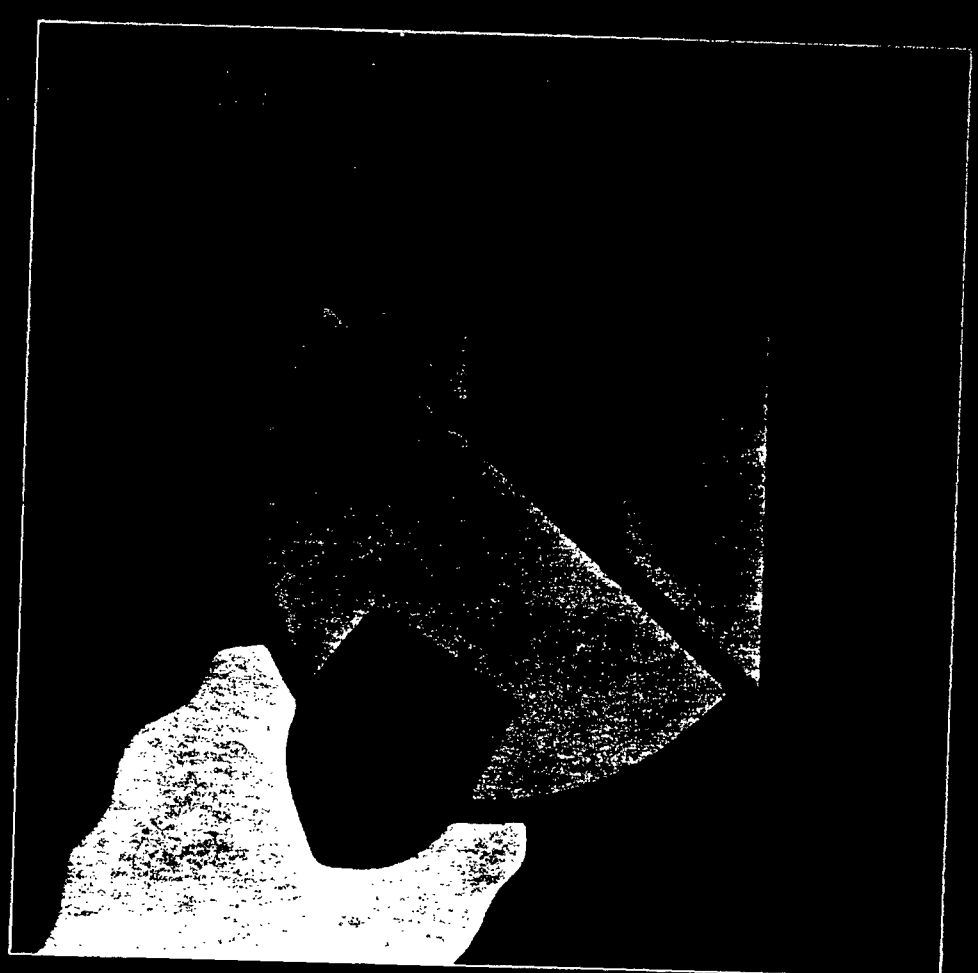
PLAINTIFF'S EXHIBIT

GP-1741

joint systems
and specialty products for gypsumboard



SGP 0023317

joint systems and specialty products

Why the name Georgia-Pacific makes such a difference.

The critical point in applying gypsumboard comes when it is time to reinforce and conceal the joints. A smooth monolithic surface is required, one that will accept various types of decoration. Georgia-Pacific produces a complete line of Joint System Products that includes the latest pre-mixed compounds along with the more conventional powders suitable for either hand tools or mechanical application. All G-P products conform to ASTM Specification no. C 475 and federal specification no. SS-J-570a.

There are several distinct advantages to Georgia-Pacific Joint System Products, including:

mixing stability. A wet mix consistency that remains stable, means you avoid those irritating adjustments before use.

plasticity. Joint System Products under the name Georgia-Pacific have exceptionally smooth application properties because of their plasticity. This plasticity enables far better control during the application and provides better shear and feather qualities.

bond durability. Georgia-Pacific products develop a strength and water resistance which produces an excellent bond and joints as strong as the board itself.

less shrinkage. By exhibiting a minimum of shrinkage, G-P product assure excellent job results.

high quality. Georgia-Pacific quality standards and controls are some of the most rigid and best known in the industry.

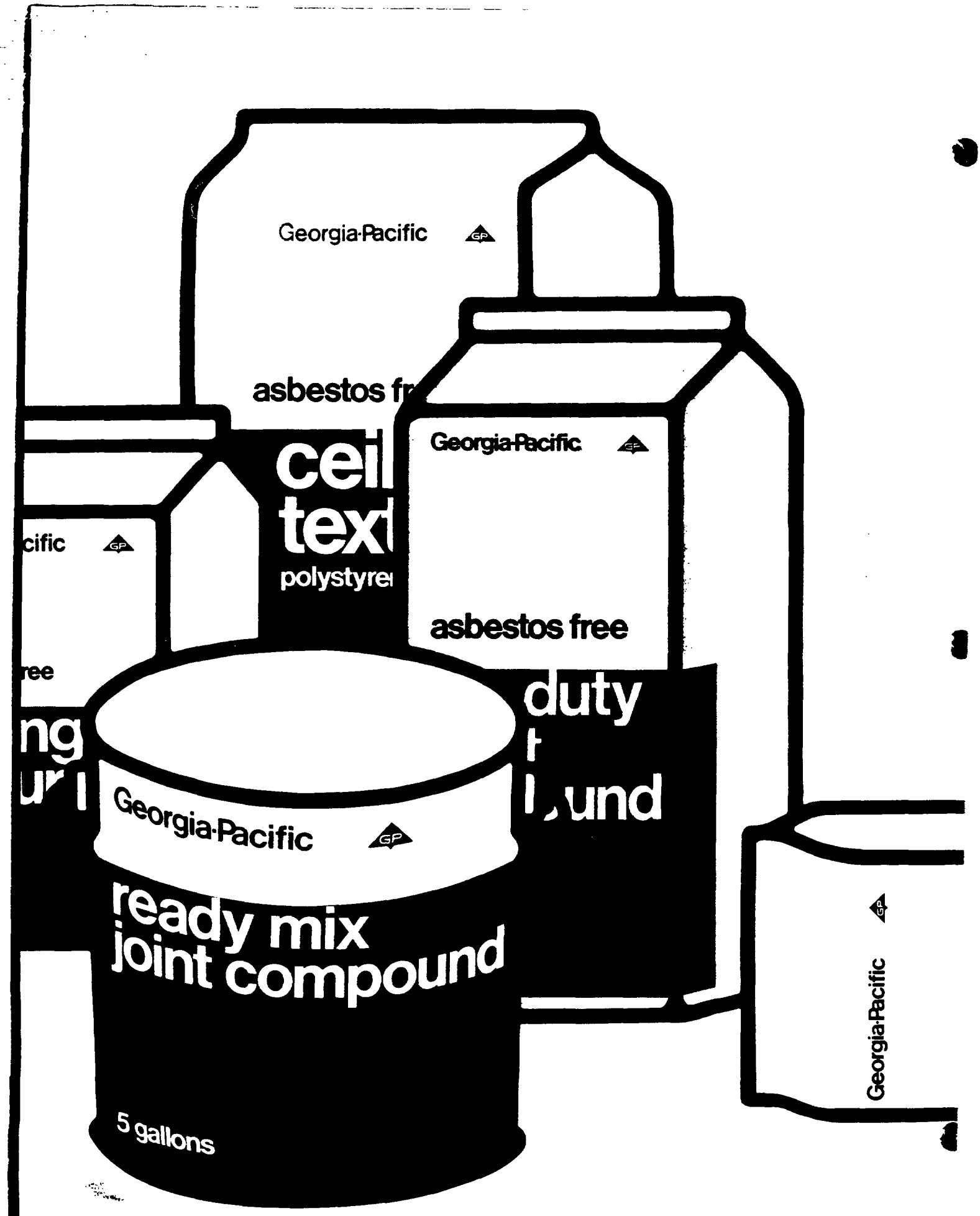
There are some natural **precautions** that should be taken with any joint compound or adhesive:

1. All powder formulas should be protected against moisture;
2. Each coat must be thoroughly dry before the succeeding coat or final decoration is applied;
3. Only clean mixing water should be used. Both water and powder should be at 55°-80° F.
4. One Georgia-Pacific product should not be mixed with another Georgia-Pacific product or with another manufacturer's product.
5. After the joint treatment is thoroughly dry, all surfaces should be sealed or primed with a vinyl or oil base primer/sealer. This imparts a uniform texture and suction over the entire wall or ceiling surfaces. When the primer/sealer has dried, apply the final decoration per the manufacturer's recommendations.
6. **Special Joint Finishing Recommendation for Wintertime Conditions.**
   Cold weather, cold water, cold joint compounds and extremes of temperature due to efforts to provide heat are conditions that deserve special attention. During the application of the joint compounds, the bond, shrinkage and working properties are all adversely affected when they are used at temperatures significantly lower than 55°F. In order to minimize this problem, our products should be mixed with water that is 55°F or warmer, products should be stored in areas that are heated and the structures to be taped and finished should be heated to at least 55°F 24 hours in advance and subsequently until drying is complete.

   As the building is heated after the gypsum board and joint compound are applied, there may be shrinkage of the framing members or movement due to warping of the framing or settling of the building. This can cause joint beading or nail popping. Once these conditions appear, it is advisable to postpone repairs until one complete heating season has passed.

   There are some procedures and products that can help to minimize problems encountered during adverse weather, particularly in the winter. We recommend:
   1. Round edge board pre-filled with Speed Set adhesive or joint compound prior to the taping of the joints. This system will reduce the incidence of joint beading.
   2. Speed Set joint compound for the first coat on corner beads. This will prevent excessive shrinkage and provide a more secure bond at low temperatures. Under no conditions should topping compounds be used for the first coat over corner bead.
   3. Speed Set joint compound for the embedding of the tape and the first coat over nailheads. Less shrinkage and better bonds at low temperatures will be obtained.

SGP 0023318


Georgia-Pacific
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Georgia-Pacific
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Georgia-Pacific
ready mix
joint compound
5 gallons
Georgia-Pacific

SGP 0023319

color coded packaging

For ease of reference and to make certain that the right product is always used for the right job, Georgia-Pacific has color coded all its Joint System Products by their base properties. All Casein based products are packaged in natural kraft bags. Vinyl based products are available in yellow bags. The texturing products and the consumer line are all in white bags. A further differentiation is made with the lettering color, as the chart below indicates:

Note: Check with the G-P gypsum sales manager regarding the products available in your area.



bedding
coverage: Approximately 15 to 20 lbs. per 1000 sq. ft. of gypsum-board used in conjunction with 40 to 45 lbs. of G-P Topping.

topping
coverage: Approximately 40 to 45 lbs. per 1000 sq. ft. of gypsum-board used in conjunction with 15 to 20 lbs. of G-P Bedding.

triple duty
coverage: Approximately 50 to 60 lbs. per 1000 sq. ft. of gypsum-board.

all purpose
coverage: Approximately 50 to 60 lbs. per 1000 sq. ft. of gypsum-board.

speed set
coverage: Approximately 50 to 60 lbs. per 1000 sq. ft. of gypsum-board.

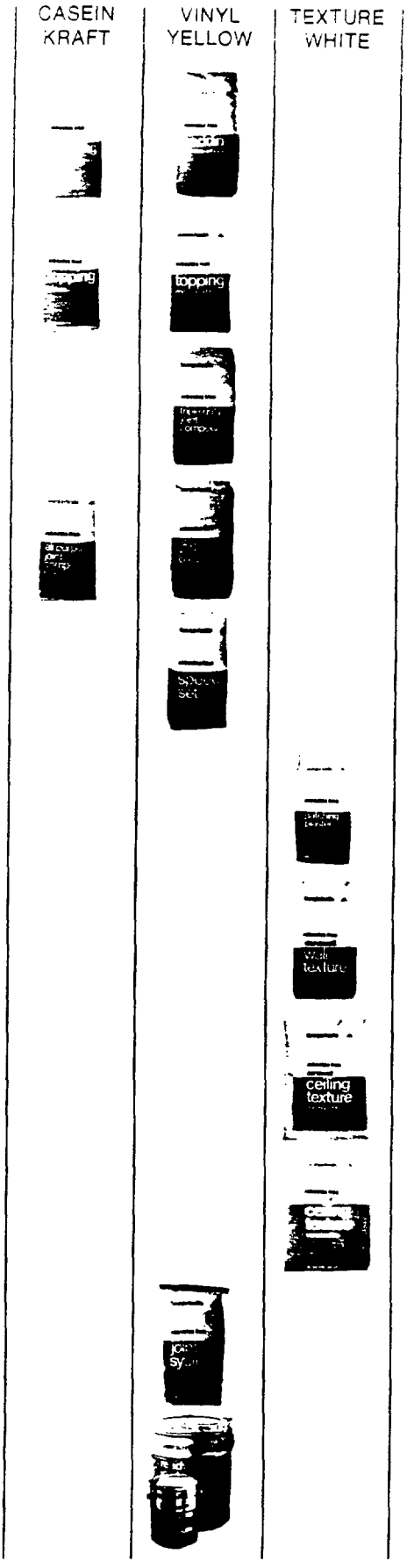
wall texture
coverage: Will cover about 1,000 sq. ft. for light spray textures or about 200 sq. ft. for heavier applications.

vermiculite
coverage: Approximately 40 lbs. per 400 sq. ft.—sprayed.

polystyrene
coverage: Approximately 32 lbs. per 400 sq. ft.—sprayed.

joint system compound
coverage: Approximately 50 to 60 lbs. per 1000 sq. ft. of gypsum-board.

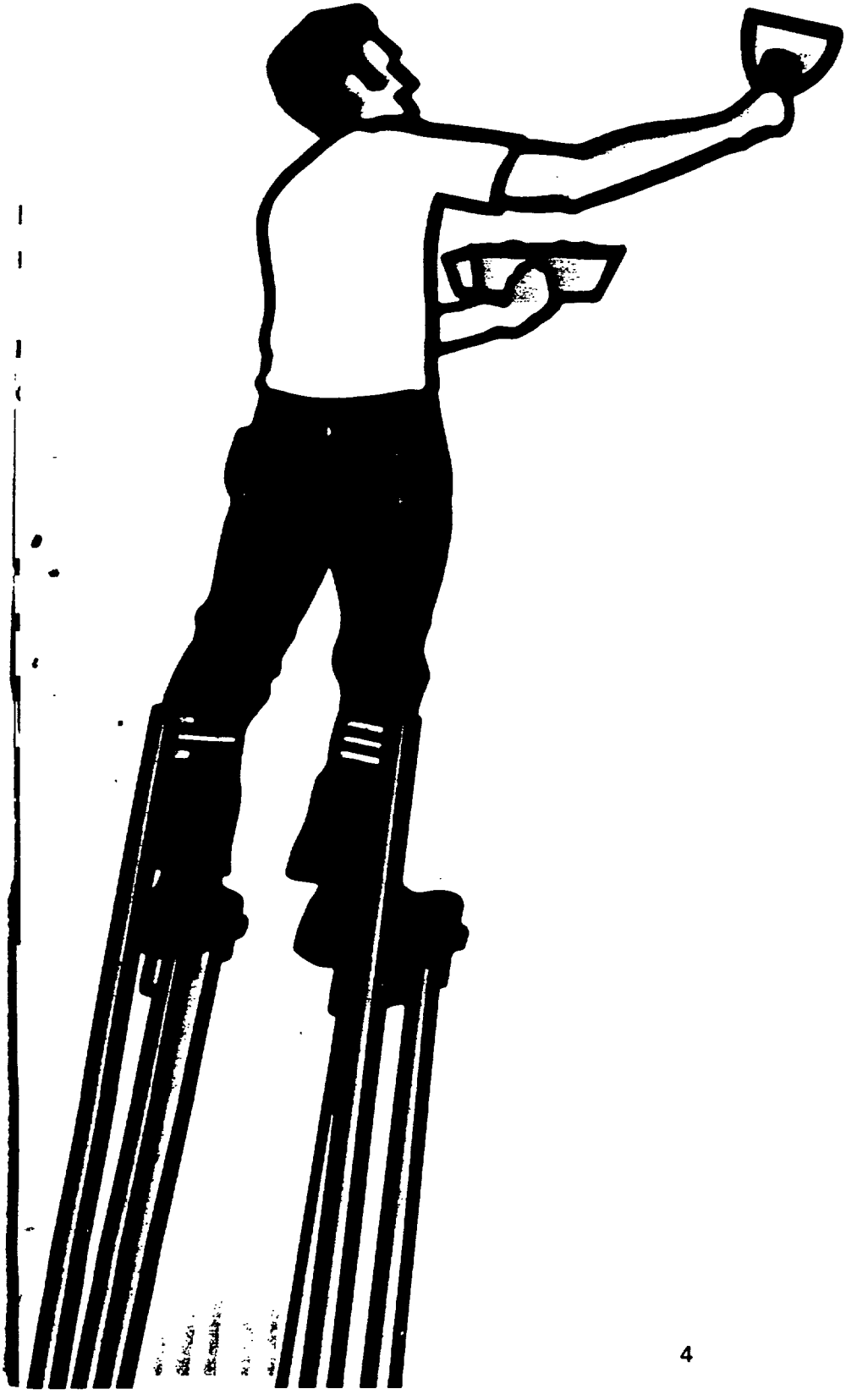
ready mix
coverage: Approximately 1½-5 gallon pails per 1000 sq. ft. of gypsum board. Also 1 gallon can covers joints on approximately 150 sq. ft.



SGP 0023320

casein base products

G-P Bedding and G-P Topping are two-bag systems of specialized joint compounds. They provide the very finest results since each product has been formulated for a highly specific use. G-P All Purpose is a one-bag system that may be used satisfactorily for a number of different applications.



G-P bedding

This compound is designed as a fill coat and for adhesion of the gypsumboard tape to the joints, as well as for the initial application to nail heads and corner beads. Since it is used for this express purpose, G-P formulates its product to maximize the taping and adhesive qualities. G-P Bedding spreads smoothly and may be applied by either hand tools or by machine.

coverage: Approximately 15 to 20 lbs. per 1000 sq. ft. of gypsumboard used in conjunction with 40 to 45 lbs. of G-P Topping.

availability: In 25 lb. bags, only in the midwest and eastern U.S.

G-P topping

This compound is specifically designed for the second and third coats over the G-P Bedding. Since it is used only for topping, we are able to reduce the amount of adhesive and incorporate other materials which lessen shrinkage and make it much easier to work and sand. Topping should never be used to bond tape or for the first coat over a corner bead.

coverage: Approximately 40 to 45 lbs. per 1000 sq. ft. of gypsumboard used in conjunction with 15 to 20 lbs. of G-P Bedding.

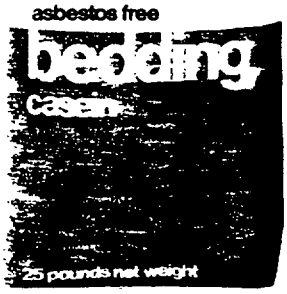
availability: In 25 lb. bags, only in the mid-west and eastern U.S.

G-P all purpose

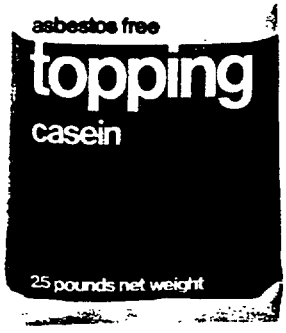
This product is formulated as a one bag system which can be used for topping, bedding and texturing, corner bead and nail spotting. G-P All Purpose is easy to mix, smooth working and exhibits relatively low shrinkage.

coverage: Approximately 50 to 60 lbs. per 1000 sq. ft. of gypsumboard.

availability: In a 25 lb. bag only in the mid-west and eastern U.S. Also available in an 18 lb. bag with a 250' roll of tape in the eastern U.S.



Georgia-Pacific





general mixing instructions

All casein products should be mixed with clean, drinkable water at a temperature of 60°-80° F. Use 16 pints of water per 25 lbs. of G-P All Purpose and G-P Bedding. With G-P Topping, the mixture is 16 pints water per 25 lbs.

If water and/or the contents are cold, more than the above prescribed amount of water may be needed in order for the material to reach a workable consistency. Mix the powder to a stiff consistency. After a soaking period of 20 to 30* minutes, the mix will lose its stiffness. After the soaking period, the material should be remixed without adding water until it becomes plastic and creamy. If desired, water may be added, after remixing, to obtain a thinner consistency.

*The required soaking time may double if the temperature of the mix is much lower than 55° F.

casein application

The following instructions indicate the proper steps for using G-P Casein Bedding and G-P Casein Topping in making gypsumboard joints. The same procedure applies if G-P All Purpose is used for the entire application.

Apply G-P Casein Bedding to all flat joints and embed tapes. Leave a uniform thickness of compound under the tapes and shear off excess material. At the same time, cover all nail heads and corner beads with the bedding compound. Allow the application to dry thoroughly before the next step.

When the Casein Bedding compound has thoroughly dried and whitened, cover the taped joint with G-P Casein Topping. Shear off the surplus, again leaving a uniform coverage over the tapes, and feather the edges. Repeat the spotting of all nail heads and finishing of the corner beads for each subsequent application, or as many times as necessary.

The bedding under the tapes and the first coat of topping over the tapes must be *thoroughly dry* before applying the next coat.

Cover the joints again with the topping compound and shear off the excess as before, leaving a smooth, well feathered joint. Allow the joints to dry before proceeding further.

For best results, cover the joint a third time with G-P Caseln Topping.

A prime coat should be used over the entire area before the final decoration.

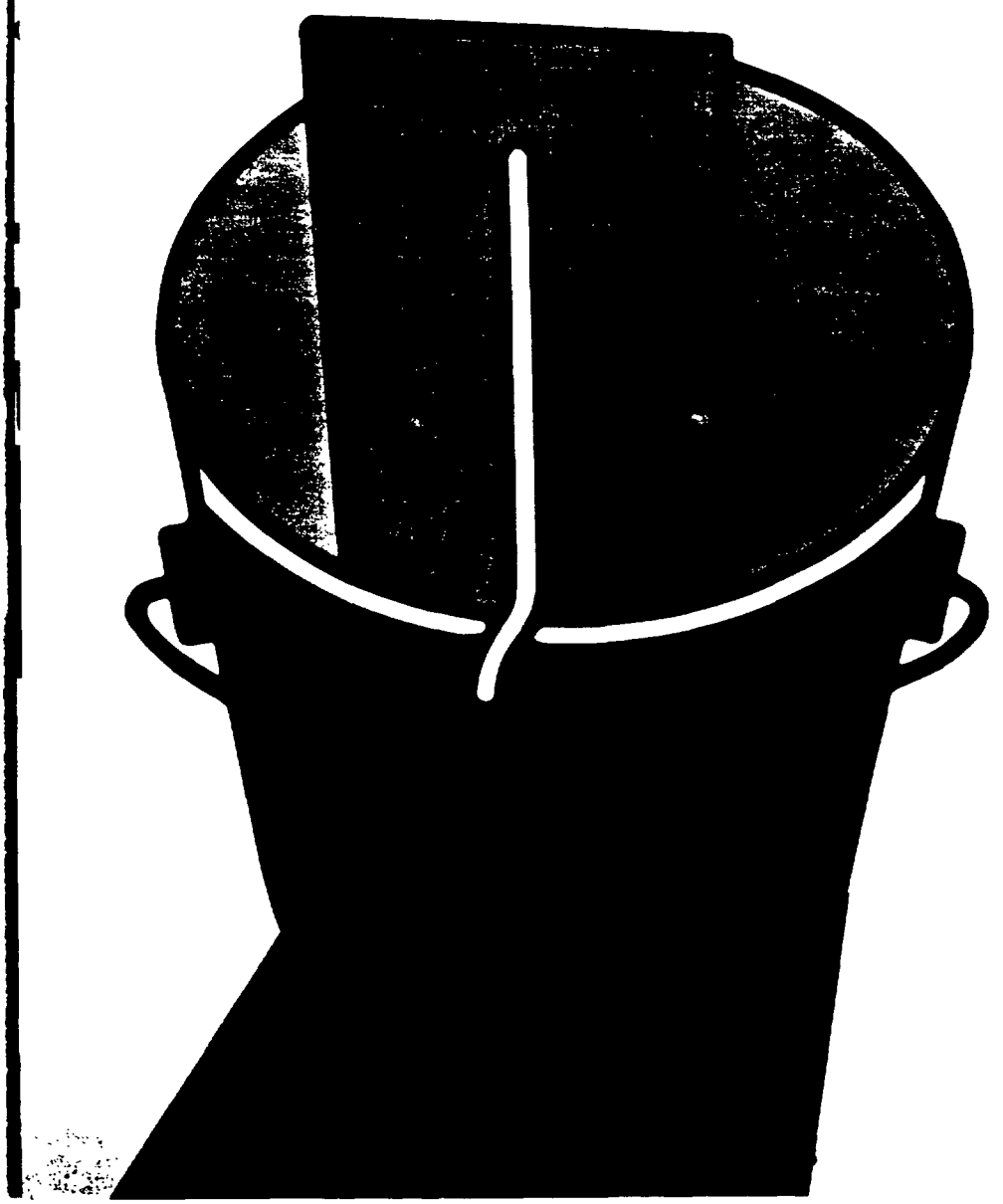
To texture finished gypsumboard surface, G-P Casein All Purpose may be used. For best results, apply a vinyl primer to the entire area before texturing. The texture may be applied with a roller, sponge, brush or other suitable implement, depending on the type of configuration desired. For heavy textures, use about 20 pints of water and for light textures use about 22 pints per 25 lbs. Protect woodwork and trim during application and remove all drops and splatters before they harden.

asbestos free vinyl base products

For those who require the very finest line of Joint Treatment compounds, G-P offers its vinyl based Bedding, Topping, All Purpose, Triple Duty, and Speed Set. These compounds are formulations incorporating chemicals which produce a variety of superior performance features. Their bright sun-yellow bags make them easily identifiable.

advantages:

1. They retain the mixed consistency for extended periods of time.
2. Mixed compound will not spoil if left in tightly closed container for extended periods (30-60 days).
3. Shrinkage and cracking has been reduced to a minimum.
4. Consistency is not affected by cold water and cold compound as much as casein products.



G-P vinyl bedding

This product is formulated primarily for embedding the gypsumboard tape. It may also be used to coat metal trim, fasteners and corner beads. G-P Vinyl Bedding spreads smoothly, has superior bonding qualities and maximum resistance to edge cracking.

coverage: Approximately 15 to 20 lbs. per 1000 sq. ft. of gypsumboard used in conjunction with 40 to 45 lbs. of G-P Topping.

availability: In 25 lb. bags throughout the U.S.

G-P vinyl topping

This product is specially formulated to give superior finishing results. Used for second and third coats over the bedding coat, this product is extremely smooth working, has excellent feathering qualities, low shrinkage and is easy to sand. Topping should never be used to bond tape or for the first coat over corner bead.

coverage: Approximately 40 to 45 lbs. per 1000 sq. ft. of gypsumboard used in conjunction with 15 to 20 lbs. of G-P Bedding.

availability: In 25 lb. bags throughout the U.S.

G-P all purpose

This product is formulated as a one-bag system which can be used for bedding tape, finishing over tapes, nails, corner beads as well as texturing gypsumboard. It has very good topping and bedding characteristics along with good texturing properties. G-P All Purpose is easy to mix, smooth working and exhibits relatively low shrinkage.

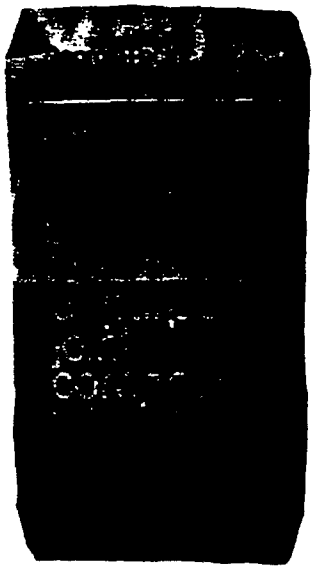
coverage: Approximately 50 to 60 lbs. per 1000 sq. ft. of gypsumboard.

availability: In 25 lb. bags and an 18 lb. bag with a 250' roll of tape, throughout the U.S.

SGP 0023323







general mixing instructions

All vinyl products should be mixed with clean, drinkable water at a temperature of 60°-80° F. Use 17 pints of water per 25 lbs. of G-P All Purpose and G-P Bedding. With G-P Topping, the mixture is 16 pints water per 25 lbs.

If water and/or the bag contents are cold more than above prescribed amount of water may be needed in order for the material to reach a workable consistency. Mix the powder to a stiff consistency. After a soaking period of 10 to 15 minutes, the mix will lose its stiffness. After the soaking period, the material should be remixed without adding water until it becomes plastic-like and creamy. If desired, water may be added, after remixing, to obtain a thinner consistency.

application

The following instructions indicate the proper steps for using G-P Vinyl Bedding and G-P Vinyl Topping in making gypsumboard joints. The same procedure applies if G-P All Purpose is used for the entire application.

Apply G-P Vinyl Bedding to all flat joints and embed tapes. Leave a uniform thickness of compound under the tapes and shear off excess material. At the same time, cover all nail heads and corner beads with the bedding compound. Allow the application to dry thoroughly before the next step.

When the Vinyl Bedding compound has thoroughly dried and whitened, cover the taped joint with G-P Vinyl Topping. Shear off the surplus, again leaving a uniform coverage over the tapes and feather the edges. Repeat the spotting of the nail heads and finishing of the corner beads for each subsequent application, or as many times as necessary.

The Bedding under the tapes and the first coat of Topping over the tapes must be *thoroughly dry* before applying the next coat.

Cover the joints again with the *topping compound and shear off* the excess as before, leaving a smooth, well feathered joint. Allow joints to dry before proceeding further.

For best results, cover the joints a third time with G-P Vinyl Topping.

A prime coat should be used over the entire area before the final decoration.

To texture finished gypsumboard surface, G-P Vinyl All Purpose or G-P Triple Duty may be used. For best results, apply a vinyl primer to the entire area before texturing. The texture may be applied with a roller, sponge, brush or other suitable implement, depending on the type of configuration desired. For heavy textures, use about 20 pints of water and for light textures use about 22 pints per 25 lbs. Protect woodwork and trim during application and remove all drops and splatters before they harden.

SGP 0023324

asbestos free

vinyl base products

G-P joint system

This G-P gypsumboard Joint Compound is formulated primarily for use in bedding and topping tape and spotting nail heads. It spreads smoothly and features superior bonding qualities and gives maximum resistance to edge cracking. In topping, it feathers well, shrinks little and sands easily.

coverage: Approximately 50 to 60 lbs. per 1000 sq. ft.

availability: In 18 lb. bag with one roll of 250' tape, only in the eastern and northeastern U. S.

caution: Do not mix G-P joint compound with any other material.

mixing instructions

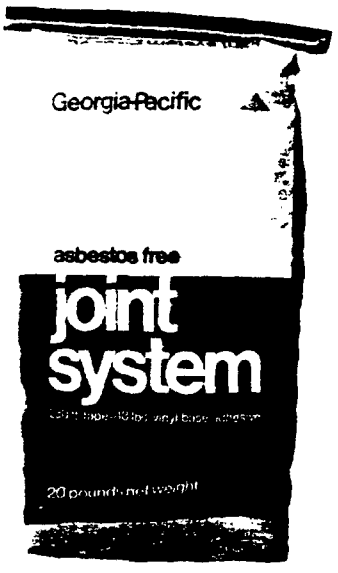
G-P Joint System Compound is a vinyl adhesive base. It should be mixed with clean, drinkable water at a temperature of 55°-80° F. Use 11 pints of water to the 18 lb. contents of this bag.

If the water and/or the bag contents are cold, more than the above prescribed amount of water may be needed in order for the material to reach a workable consistency. Mix the powder to a stiff consistency. After a soaking period of 15 to 20 minutes, the mix will lose its stiffness. After the soaking period, the material should be remixed without adding water until it becomes plastic-like and creamy. If desired, water may be added, after remixing, to obtain a thinner consistency.

application instructions

Apply G-P Joint System Compound to all flat joints and embed tapes. Leave a uniform thickness of compound under the tapes and shear off excess material. At the same time, cover all nail heads and corner beads. Allow the application to dry thoroughly before the next step.

When the joint compound has thoroughly dried and whitened, cover the taped joint with the same material. Shear off the surplus, leaving a uniform coverage over the tapes and feather the edges. Repeat the spotting of the nail heads and finishing of the corner beads for each subsequent



application or as many times as necessary.

The layer of joint compound used to embed the tapes and the coat of joint compound over the tapes must be thoroughly dry before applying the next coat. Cover the joints again and shear off the excess as before, leaving a smooth, well feathered joint. Allow joints to dry before proceeding further.

For best results, cover the joints a third time with G-P Joint Compound.

A prime coat should be used over the entire area before the final decoration.

To texture the finished gypsumboard surface, G-P All Purpose or G-P Triple Duty may be used. For best results, apply a vinyl primer to the entire area before texturing. The texture may be applied with a roller, sponge, brush or other suitable implement, depending on the type of configuration desired. For heavy textures, use about 14½ pints of water and for light textures use about 16 pints per 18 lbs. Protect woodwork and trim during application and remove all drops and splatters before they harden.

G-P triple duty™

G-P Triple Duty gypsumboard compound is a vinyl based multi-purpose product which can be used for all coats in the reinforcing and concealing of joints in gypsumboard construction. It can be used for taping, finishing, spotting, nail heads, filling corner beads and texturing. The binder in Triple Duty gives this product a wet life of 30 to 60 days (provided the container is kept sealed tightly to prevent drying) which allows premixing in large quantities. Triple Duty has low shrinkage and can be easily sanded. After application by hand tools or machine, the compound leaves a surface ready for priming and decoration with no further preparation necessary.

coverage: Approximately 50 to 60 lbs. per 1,000 square feet (12 to 50 lbs. per 1,000 square feet when used as a texturing material).

availability: In 25 lb. or 50 lb. bags everywhere in the continental U.S.

mixing instructions

G-P Triple Duty Joint Compound is a vinyl adhesive. It should be mixed with clean, drinkable water at a temperature of 55°-80° F. in a clean mixing container. Use 16 pints of water to 25 lbs. of Triple Duty Joint Compound.

If the water and/or the bag contents are cold more than the above prescribed amount of water may be needed in order for the material to reach a workable consistency. Mix the powder to a stiff consistency. After a soaking period of 10 to 15 minutes, the mix will lose its stiffness. After the soaking period, the material should be remixed without adding water until it becomes plastic-like and creamy. If desired, more water may be added, after remixing, to obtain a thinner consistency.

If desired, this product can be kept in a wet state for up to 60 days and remain usable provided the container is sealed tightly to prevent air drying. However, if the material is kept in a wet state for prolonged periods it should be protected from freezing.



application instructions

Apply Triple Duty Joint System Compound to all flat joints and embed tapes. Leave a uniform thickness of compound under the tapes and shear off excess material. At the same time, cover all nail heads and corner beads. Allow the application to dry thoroughly before the next step.

When the joint compound has thoroughly dried and whitened, cover the taped joint with the same material. Shear off the surplus, leaving a uniform coverage over the tapes, and feather the edges. Repeat the spotting of the nail heads and finishing of the corner beads for each subsequent application or as many times as necessary.

The layer of Triple Duty used to embed the tapes and the coat of joint compound over the tapes must be thoroughly dry before applying the next coat.

Cover the joints again and shear off the excess as before, leaving a smooth, well feathered joint. Allow the joints to dry before proceeding further.

For best results, cover the joints a third time with G-P Triple Duty Joint Compound.

A prime coat should be used over the entire area before the final decoration.

To texture finished gypsumboard surface. G-P All Purpose may be used. For best results, apply a vinyl primer to the entire area before texturing. The texture may be applied with a roller, sponge, brush or other suitable implement, depending on the type of configuration desired. For heavy textures, use about 20 pints of water and for light textures use about 22 pints per 25 lbs. Protect woodwork and trim during application and remove all drops and splatters before they harden.

surface preparation for skim coating of concrete ceilings
Grind off the rough and jagged imperfections of the poured slab. The concrete must be dry, sound and free of rust, dirt, loose and scaling particles. Be sure any residue used as a parting agent to separate the forms has been cleaned away. A heavy coat of anti-rust primer should be applied by brush, roller or spray, to any exposed metal and must be allowed to dry thoroughly.

application of triple duty joint compound to concrete surfaces
Grout in all "form marks" and obvious imperfections with one application of Triple Duty Joint Compound and allow to dry thoroughly. Apply a second application at right angles to the previous coat and allow to dry thoroughly. Apply skim coat to insure a smooth uniform finish. The skim coat, when dry, may be touched up and lightly sanded to eliminate any unusually rough areas as well as any blade marks before the final decoration is applied. Any normal decoration or texture can be used over the finished surface.

availability: In 25 lb. bags throughout the U.S.

asbestos free ready mix products

G-P ready mix

This Georgia-Pacific joint compound is a prepared wet mix material to bond tape to gypsumboard for joint reinforcement, to fill and finish joints, cover and finish nail heads and corner beads and for texturing. Ready Mix has a controlled formulation and mixing qualities which result in greater coverage, uniform consistency, easier sanding and smoother workability while saving on job mixing time. Ready Mix can be stored for a maximum of 6 months and not lose any of its bonding or working properties.

coverage: Approximately 5 gallons per 700 square feet of gypsumboard.

availability: Asbestos free in 1 gallon and 5 gallon pails adjusted to either machine or hand tool consistency everywhere in the Continental United States.
Four gallon boxes of asbestos free are available in the Southwest or West.

application instructions

Apply G-P Ready Mix System Compound to all flat joints and embed tapes. Leave a uniform thickness of compound under the tape and shear off excess material. At the same time, cover all nail heads and corner beads. Allow the application to dry thoroughly before the next step.

When the joint compound has thoroughly dried and whitened, cover the taped joint with the same material. Shear off the surplus, leaving a uniform coverage over the tapes and feather the edges. Repeat the spotting of the nail heads and finishing of the corner beads for each subsequent application or as many times as necessary.

The joint compound used to embed the tapes and the coat of joint compound over the tapes must be thoroughly dry before applying the next coat. Cover the joints again and shear off the excess as before, leaving a smooth, well feathered joint. Allow the joints to dry before proceeding further.

For best results, cover the joints a third time with G-P Ready Mix.

A prime coat should be used over the entire area before the final decoration.

To texture the finished gypsumboard surface, Denswall Textures or G-P All Purpose may be used. For best results, apply a vinyl primer to the entire area before texturing. The texture may be applied with a roller, sponge, brush or other suitable implement, depending on the type of configuration desired. Follow the instructions on the Denswall Texture bag for consistency. When using G-P All Purpose, heavy textures are obtained by adding about 20 pints of water and for light textures use about 22 pints per 25 lbs. Protect woodwork and trim during application and remove all drops and splatters before they harden.

use G-P casein or vinyl joint compounds for laminating
When two or more layers of gypsumboard are to be applied, the face layer or layers may be adhesively attached with fewer fasteners than normally required. For walls, the face layer may be attached with permanent perimeter fasteners only in conjunction with the adhesive. For ceilings, permanent fasteners must be applied no further apart than 24″ o.c.; that is, there shall be one fastener at each edge and at least one fastener in the field of the board. Where fire ratings are involved, see fire test report for fastener positioning.





Bedding Compound, All Purpose Joint Compound, Triple Duty, or Ready Mix Joint Compound may be used as a laminating adhesive. Topping compounds shall not be used for this purpose. The adhesive may be applied by either of two methods:

1. For solid lamination, apply approximately 3/16″ to 1/4″ high beads 2″ apart over the entire surface to be laminated.
2. For semi-solid lamination, apply 6″ wide strips or bands of adhesive consisting of beads approximately 3/8″ high and 1 1/2″ apart with the strips or bands located 16″ o.c.

note: Temporary fasteners may be needed to hold the gypsumboard in place and removed after the adhesive has set. However, these do not replace whatever permanent fasteners are required.

asbestos free
speed set™



G-P speed set

G-P Speed Set is a quick setting type gypsum base joint compound, containing a vinyl adhesive, to be used for applying tape, filling metal corner beads, concealing nail heads and finishing joints. This product is available with either a 60 minute or 90 minute working time. Setting time is approximately 30 minutes more than the working time. When set, this material will not shrink.

coverage: Approximately 50 to 60 lbs. per 1000 sq. ft. of gypsum-board.

availability: In 25 lb. bags, everywhere in the continental U.S.

mixing instructions

G-P Joint Speed Set System Compound should be mixed with clean, drinkable water at a temperature of 55°-80° F. In a clean mixing container, use 15 pints of water to the 25 lb. contents of this bag.

If the water and/or the bag contents are cold more than the above prescribed amount of water may be needed in order for the material to reach a workable consistency. Mix to the consistency the material will be used. Speed Set Compound should not be allowed to soak for more than a few minutes. This would reduce the working time. If desired, more water may be added at this time to obtain a thinner consistency.

application instructions

Speed Set Compound is a product which hardens prior to drying and thereby substantially eliminates further shrinkage. The setting action also provides additional bonding and is harder and stronger than conventional drying type joint compounds. It is recommended for use with round edge board for pre-filling and taping. It is also recommended for filling corner beads and nailheads. It may also be used for taping and finishing regular tapered edge wallboard. Because of Speed Set's fast hardening, it can be used to complete more than one joint finishing operation in a day.

Apply G-P Speed Set Compound to all flat joints and embed tapes. Leave a uniform thickness of compound under the tapes and shear off excess material. At the same time, cover all nail heads and corner beads. Allow the application to harden thoroughly before the next step. No additional drying time is needed to control shrinkage.

When the Speed Set has hardened, cover the taped joint with the same material. Shear off the surplus, leaving a uniform coverage over the tapes and feather the edges. Repeat the spotting of the nail heads and finishing of the corner beads for each subsequent application or as many times as necessary.

Cover the joints again and shear off the excess as before, leaving a smooth, well feathered joint. Allow the joints to harden before proceeding further.

For best results, cover the joints a third time with G-P Speed Set.

A prime coat should be used over the entire area before the final decoration.

To texture the finished gypsum-board surface, Denswall Textures or G-P Triple Duty may be used. For best results apply a vinyl primer to the entire area before texturing. The texture may be applied with a roller, sponge, brush or other suitable implement, depending on the type of configuration desired. Follow the instructions on the Denswall Texture bag for consistency. When using G-P Triple Duty, heavy textures are obtained by adding about 20 pints of water and for light textures use about 22 pints per 25 lbs. Protect woodwork and trim during application and remove all drops and splatters before they harden.

recommendations

1. Do not mix more material than can be applied in 1 hour.
2. Do not mix with other joint compounds in either wet or dry form.
3. Clean tools and mixing equipment after each batch to prevent acceleration of setting time.
4. If stiffening occurs (except within the first 10 minutes), setting action is starting and material should be discarded.
5. Do not retemper mix—never add part of a previous batch to a fresh batch.
6. Minimum air, water mix and surface temperature of 55° must be maintained in working areas until joints are completely dry.

SGP 0023328

specialty products

asbestos free denswall™ texturing products

wall and ceiling textures

Georgia-Pacific offers three basic textures. All are dry powder products and contain a tested balance of aggregate to produce the effect you want. The coverage, however, will vary with different types of surfaces, spray equipment, workmanship and customer requirements.

G-P wall texture

Packaged in a 25 lb. bag, this product has no aggregate added to its contents. G-P's wall texture may be applied with spray equipment, large wall brush, roller, or trowel. Wall Texture is white and matches all G-P ceiling textures. In addition, it offers good hiding properties, maximum coverage and great workability.

Aggregate can be added in the field as desired.



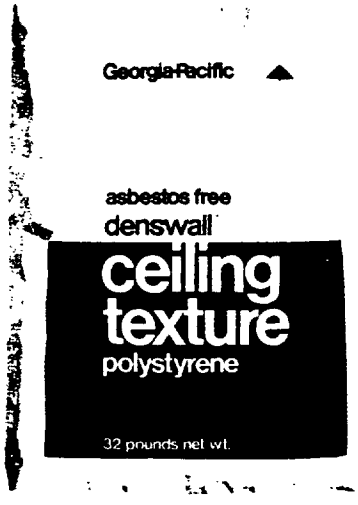
G-P vermiculite

Ceiling Texture is packaged in a 40 lb. bag. This product contains vermiculite aggregate and is available in fine, medium or coarse textures. Vermiculite aggregate offers an acoustical finish appearance for ceilings but does not provide acoustical sound correction. The use of this product results in a white, rugged texture with semi-rounded "hills and valleys" that help conceal surface defects while producing a beautiful, decorative textured ceiling.



G-P polystyrene

Ceiling Texture is packaged in a 32 lb. bag. Polystyrene texture is designed for fast, economical spray application to ceilings. The resultant texture is white, with strong adhesion. Offering maximum coverage and excellent hiding qualities, polystyrene aggregate is a plastic bead which is shredded into coarse angular particles that produce an extremely rough texture. These aggregate particles will retain their size and shape during long periods of mechanical mixing. This is an ideal product for volume spray application.



application to gypsumboard

All surfaces including joint compound applications, must be clean and dry. If surface has been previously painted, roughen any glossy paint, and clean well. Apply a white vinyl based primer or equivalent to new work prior to texturing. Protect woodwork and trim during application and remove all overspray from walls before the texture dries. For best results use the lowest air pressure that will produce a satisfactory spray pattern. If one coat will not cover due to uneven suction, or if a heavy application is desired, it may be necessary to apply a second coat. Allow the first coat to dry before applying the second coat.

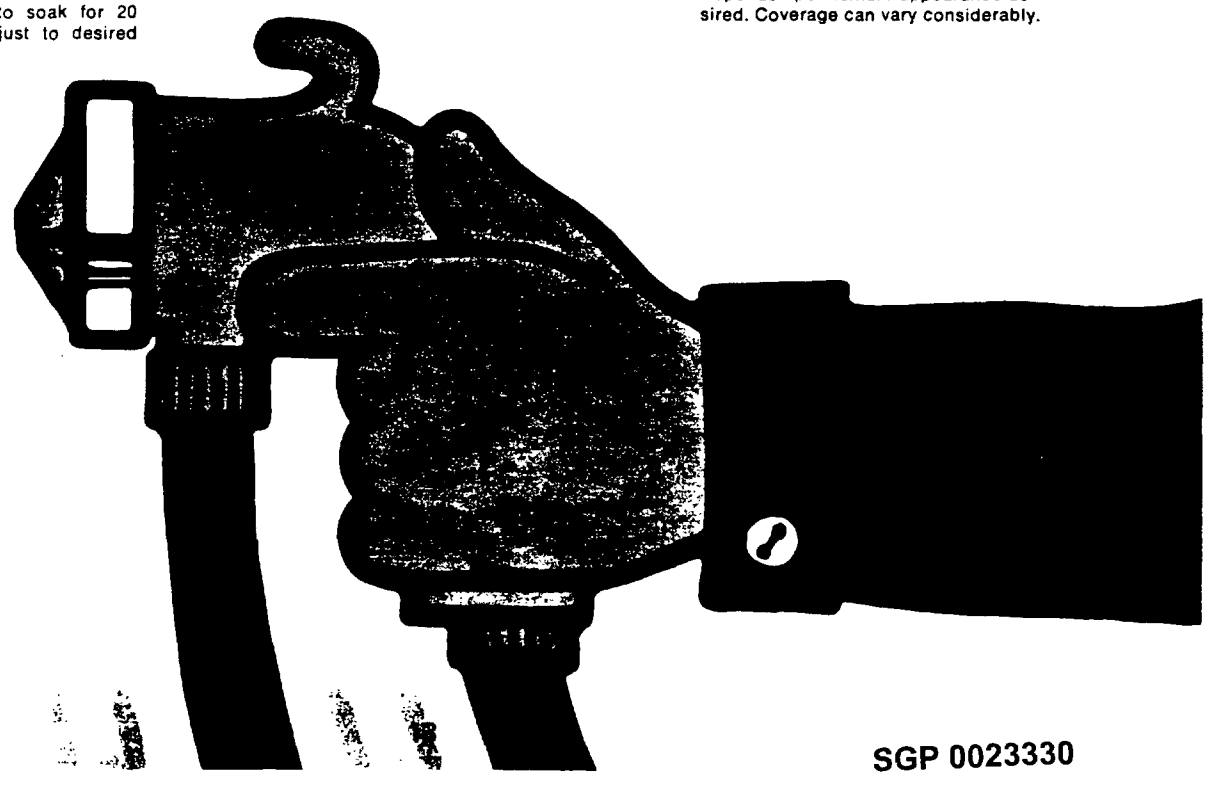
application to concrete

All surfaces must be clean, dry and sound with no chalkiness or efflorescence. Prime all exposed metal with a rust inhibitive primer. New concrete should be aged at least 60 days. Irregularities and form marks must be smoothed. High spots can be ground down. Depressions and holes can be filled with G-P Joint Compound. For deep fills, G-P Speed Set Compound is recommended. Seal the entire surface with a white vinyl sealer or pigmented shellac. Spray the G-P Texture in two applications at right angles to each other, allowing the first coat to dry before applying the second.

DENSWALL™ TEXTURE	FINISH	BAG SIZE	WATER MIX*	REMIX	AVERAGE COVERAGE**	
					GYPSUMBOARD	CONCRETE
wall texture	Variable	25 lb.	Add 2 gallons	Do not exceed 1½ gallons additional	Spray 1,000 sq. ft. Trowel 200 sq. ft.	
vermiculite ceiling texture	Fine Medium Coarse	40 lb.	Add 4½ gallons	Do not exceed 1½ gallons additional	Spray 400 sq. ft.	300 sq. ft.
polystyrene ceiling texture	Coarse	32 lb.	Add 6 gallons	Do not exceed 2 gallons additional	Spray 250 sq. ft.	200 sq. ft.

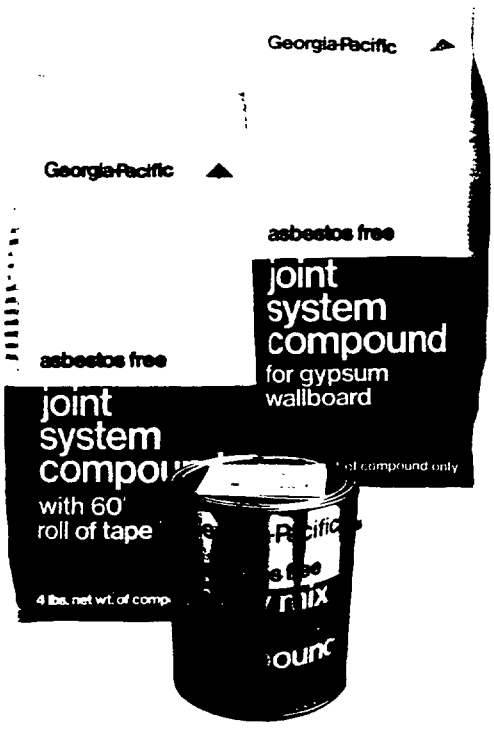
*Mix until dry powder is wetted and well dispersed. Then allow to soak for 20 minutes. Remix and adjust to desired consistency.

**Depends upon texture appearance desired. Coverage can vary considerably.



SGP 0023330

asbestos free joint/patching compound



G-P asbestos free joint system compound

Georgia-Pacific has packaged a joint compound specially designed for the do-it-yourselfer. It contains the same high quality formulation for superior performance demanded by professionals. It can be used almost immediately after mixing, and still retain the mixed consistency for extended periods of time.

For use in bedding and topping tape and spotting nail heads, joint system compound spreads smoothly, bonds tightly and resists edge cracking. It also feathers well, shrinks very little and sands easily.

availability: In either 5 lb. bags, 4 lb. bags with a sixty foot roll of tape, or 1 gal. can (Ready-Mix, no mixing required) everywhere in the continental U.S.

mixing: Joint system compound should be mixed in a clean metal container (not aluminum) using clean water at 55 degrees to 80 degrees Fahrenheit. To mix entire contents (5 lbs.), add dry compound to 3 pints of water and mix thoroughly (4 lb. bag—2½ pints of water). Mixture will be stiff but do not add more water. Cover the container with a wet cloth and let it stand for 30 minutes, then add more water if necessary to make the consistency slightly thinner than putty. Do not mix more than can be used in 36 hours.

application: With a semi-flexible broad knife, generously "butter" the joint with joint system compound, working it well into the joint. Shear off the excess material.

Press strip of GP tape in the center of the joint. Smooth down firmly into the compound, remove excess cement and level into an even surface.

When the first coat is dry, cover with joint compound. Shear off surface, leaving a smooth joint. When dry, another coat over the entire surface ensures best results.

Allow 24 hours drying time and then sand carefully with fine sandpaper for a smooth finish. For best results a vinyl primer should be applied before decoration.

G-P asbestos free patching plaster

mixing: Add G-P patching plaster to cool or cold water and stir to a putty consistency, free of lumps. Generally the larger the patch, the thicker the putty should be.

surface preparation: The areas to be patched must be clean and dry, and free of loose particles. Enlarge small cracks by cutting out old plaster to form an inverted "V". Dampen the entire area to be patched with water to promote adhesion between the old plaster and the new.

application: Small cracks and imperfections are filled by using patching plaster with a thinner consistency and forcing it into the cracks with a broad knife. Use the broad knife to "shear" off any excess plaster.

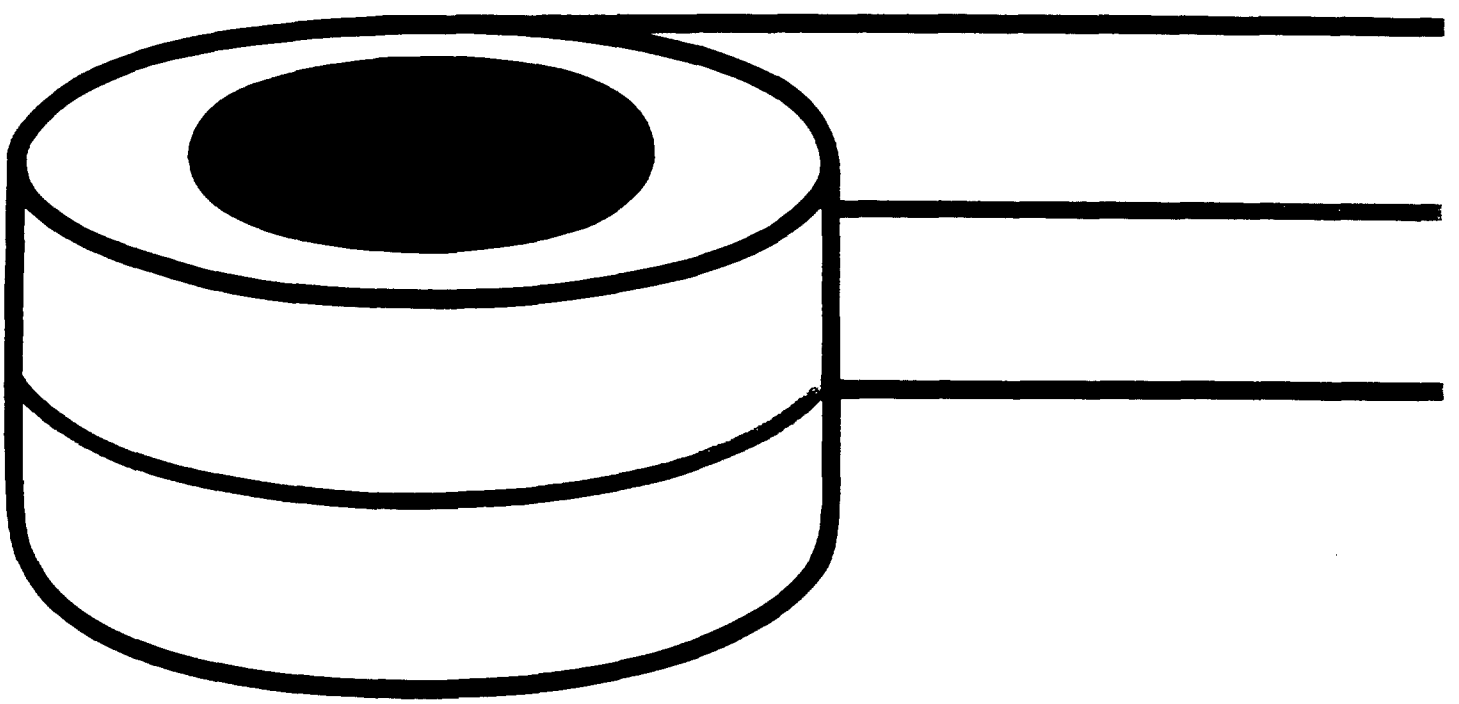
Large holes and imperfections require two coats. Apply the first coat so that it nearly fills the area being patched. Allow it to harden. While the first coat is still wet, apply a second coat. Bring this coat out flush to the finish surface and shear it off smooth with the tool. When the second coat is hard and dry, sand it to a smooth surface if necessary. Seal the surface with a good latex primer before painting or papering.

accessories

wallboard tape

Full 2" width, "Miracle Crease" spark perforated tape with skived I edges and sanded surface on both sides. Bonding qualities are excellent. Porosity permits rapid drying of Joint Compound. Easy to use, economical, with minimal expansion. Stabilized against varying humidity conditions, it reduces uneven expansion and edge wrinkling.

packaging: Available in 60', 250', and 500' rolls as follows: 60' rolls packed 60 per box, approximately 24 lbs.; 250' rolls packed 20 per box, approximately 29 lbs.; 500' rolls packed 10 per box, approximately 28 lbs.



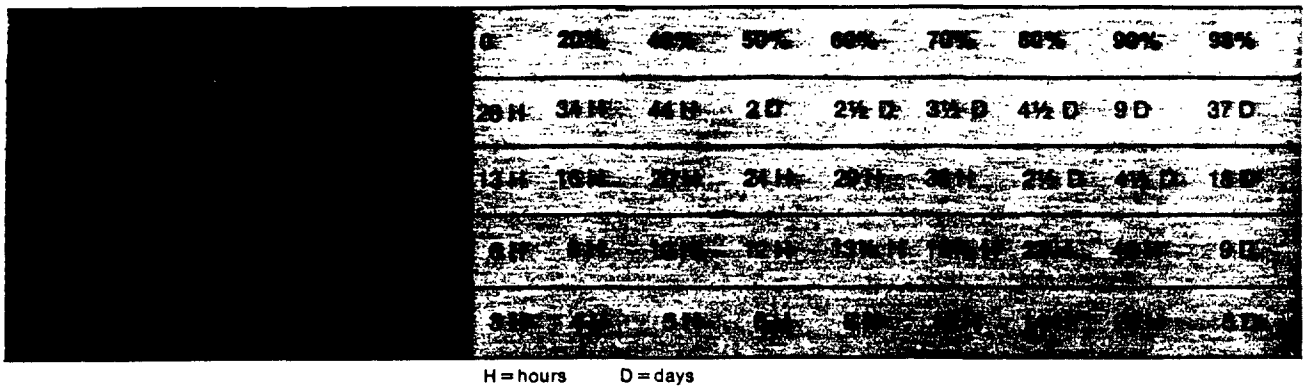
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technical information

joint system drying time

Temperature and humidity have a direct effect on the drying time on joint treatment products. While there is very little that can be done to alter temperature and humidity under job conditions, care should be taken to note the average differences in drying times under different atmospheric conditions, so that problems may be minimized. Joint treatment products must be thoroughly dry before successive coats are applied, and/or final decoration is applied. In all cases, a well ventilated area assists in the proper drying of these materials.

The chart shown below indicates the average drying periods for joint treatment products under different temperature and humidity conditions.



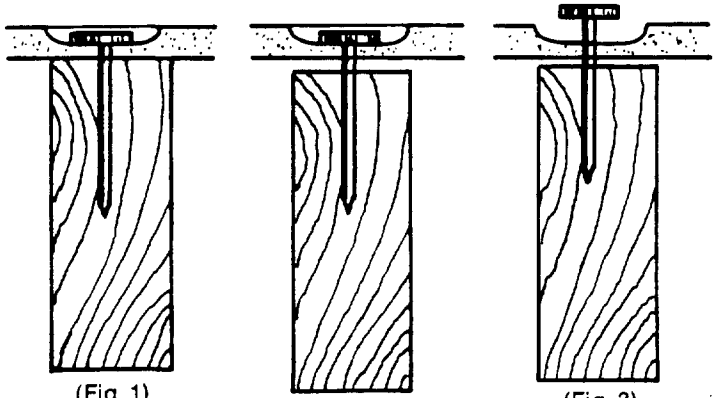
H = hours D = days

painting of drywall

It is extremely important that the difference in absorption between the wallboard surface and the compound over joints and nails be equalized to provide uniformity of color, suction and texture over the entire wall or ceiling. After the joint treatment has been completed and *thoroughly dried*, the surfaces should be sealed or primed with a good quality primer/sealer.

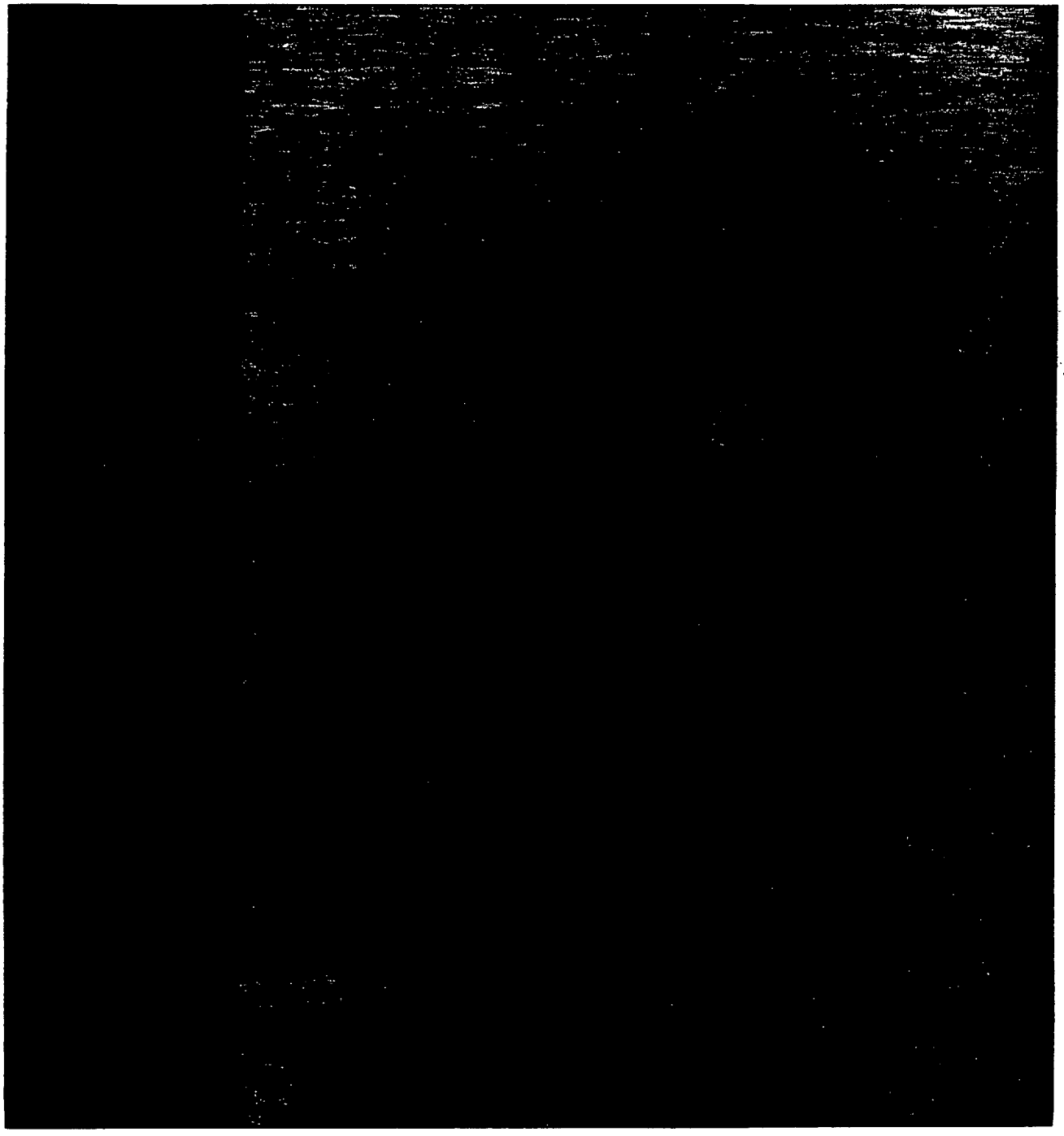
the primary cause of nail popping

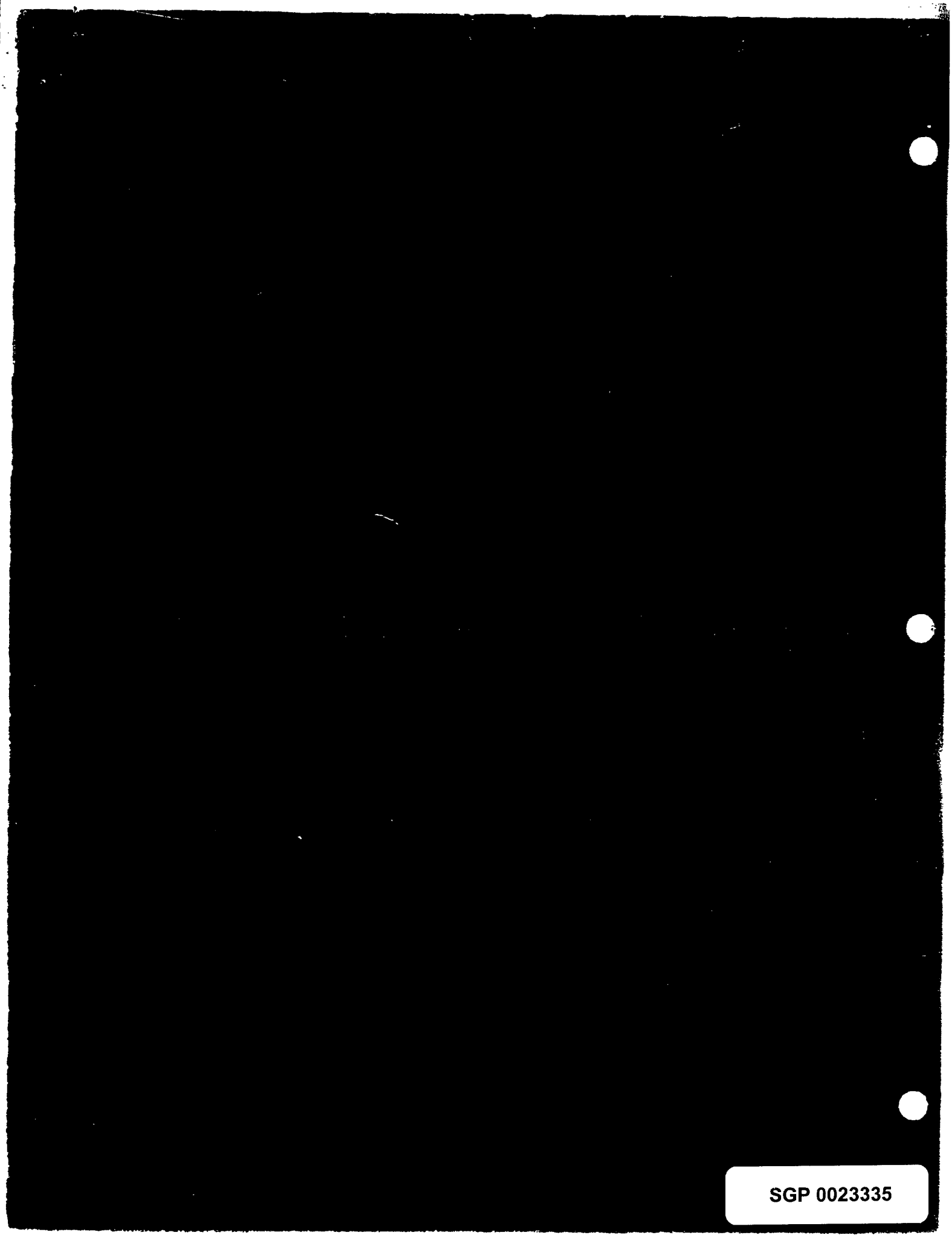
Illustration #1 through #3 demonstrates what happens when green lumber (not thoroughly dried) is used for framing (Fig. 1). The wood pulls away from the wall, as the wood dries and shrinks (Fig. 2), then the nail pushes out through the gypsum-board (Fig. 3).



(Fig. 1) (Fig. 2) (Fig. 3)

problems which occur in joint treatment





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