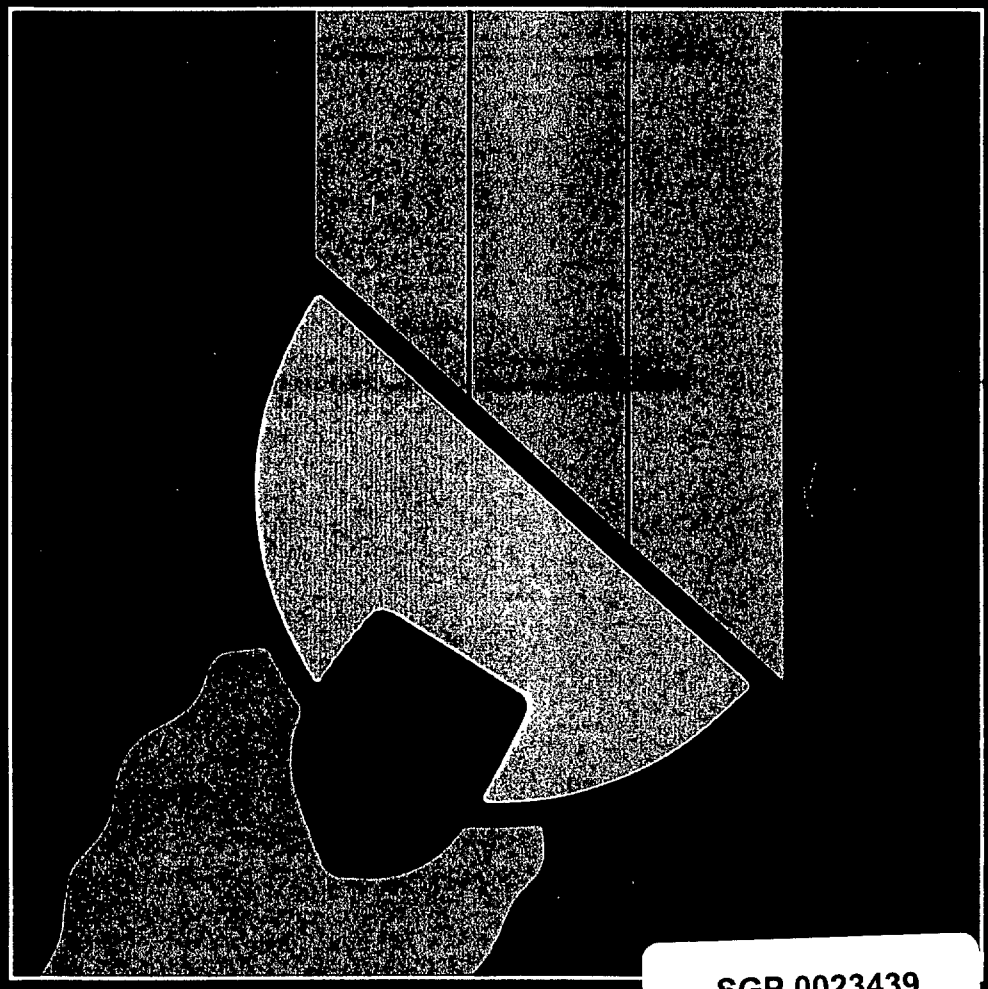
PLAINTIFF'S EXHIBIT

GP-1748

joint systems
and specialty products for gypsumboard



SGP 0023439

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 notably smoother application properties. This plasticity enables far better control during the application and provides better shear and feather qualities.

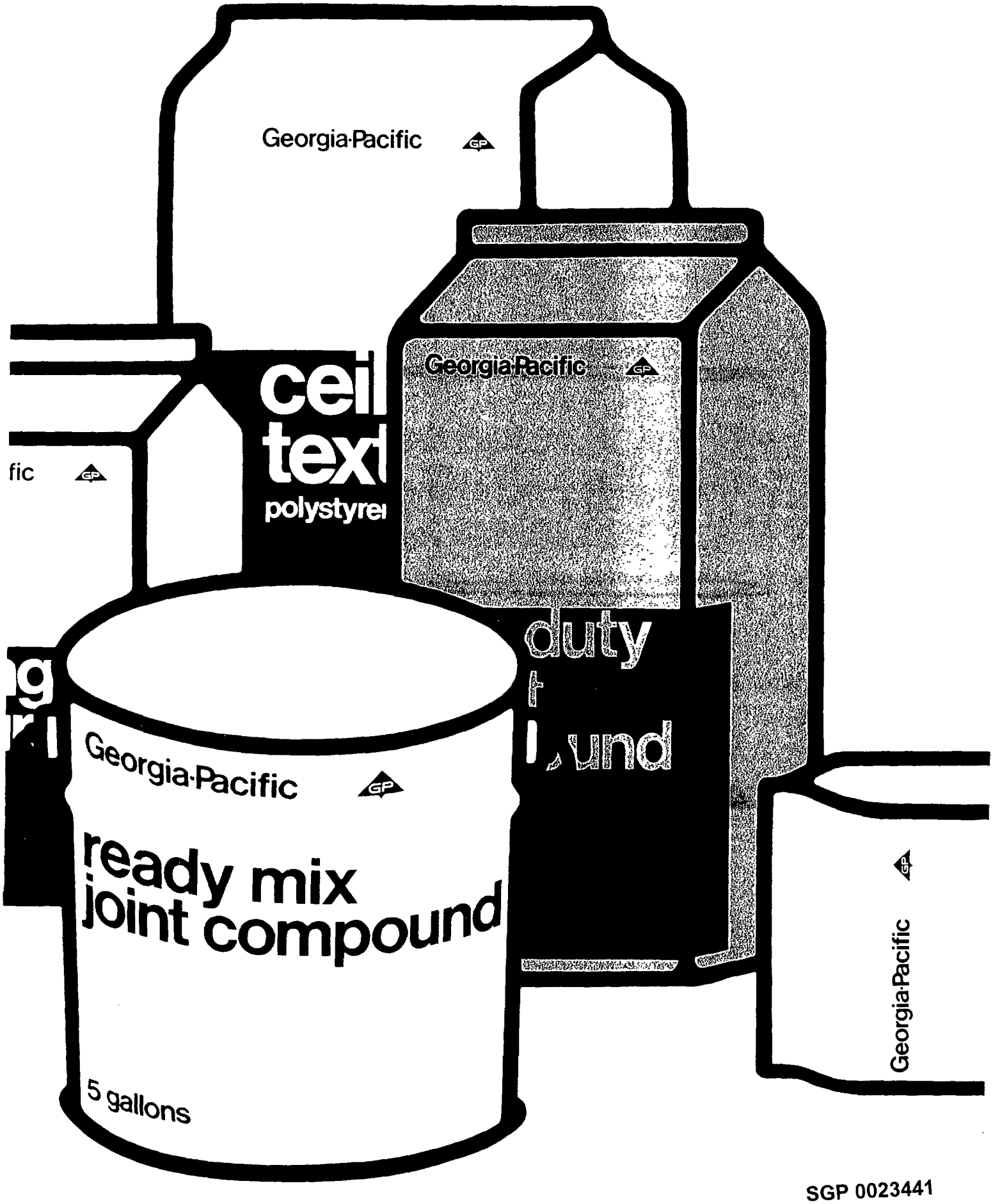
bond durability. Georgia-Pacific products develop a strength and water resistance which produces an excellent bond and joints as strong as the board itself.

less shrinkage. By exhibiting a minimum of shrinkage, G-P products assure the finest 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. During the winter season or when the temperature is less than 55° F, finishes should not be applied unless the building has a controlled heat of at least 55° F for a period of 24 hours before installation or until a permanent heating system is in operation;
4. Use only clean mixing water at room temperature and,
5. One Georgia-Pacific product should not be mixed with another Georgia-Pacific product or with another manufacturer's product.


Georgia-Pacific
cei
text
polystyrei
fic
Georgia-Pacific
duty
und
Georgia-Pacific
ready mix
joint compound
5 gallons
Georgia-Pacific

SGP 0023441

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.

joint system compound with 60' roll of tape

bedding

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

topping

coverage: Approximately 40 to 45 lbs. per 1000 sq. ft. of gypsumboard 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 gypsumboard.

all purpose

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

speed set

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

grabit

coverage: Up to ¼ lb. per sq. ft. of gypsumboard surface depending on base surface.

wall texture

coverage: Approximately 25 lbs. per 1000 sq. ft.—sprayed, and 200 sq. ft. troweled.

vermiculite

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

polystyrene

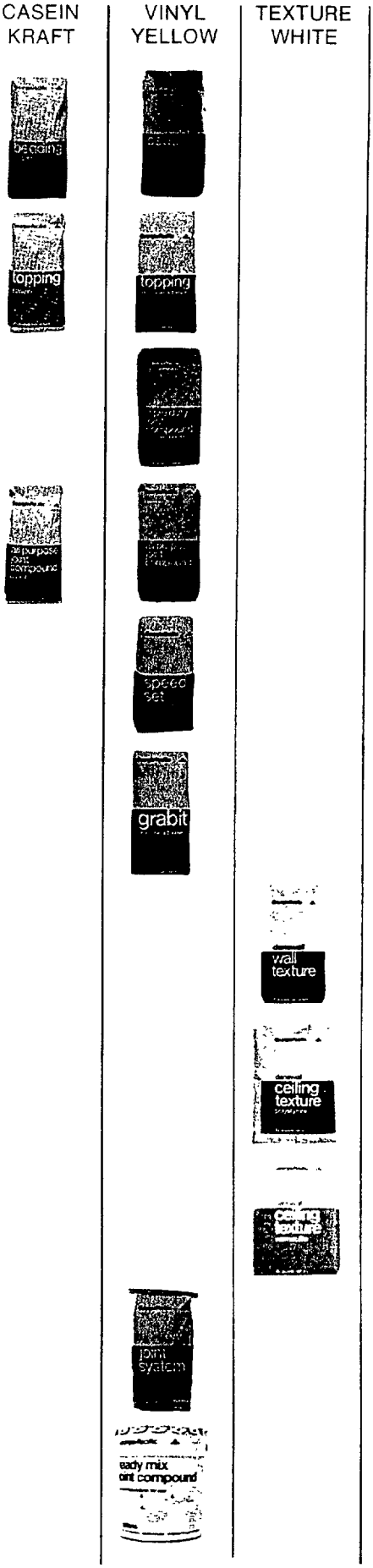
coverage: Approximately 32 lbs. per 400 sq. ft.—sprayed.

joint system compound

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

ready mix

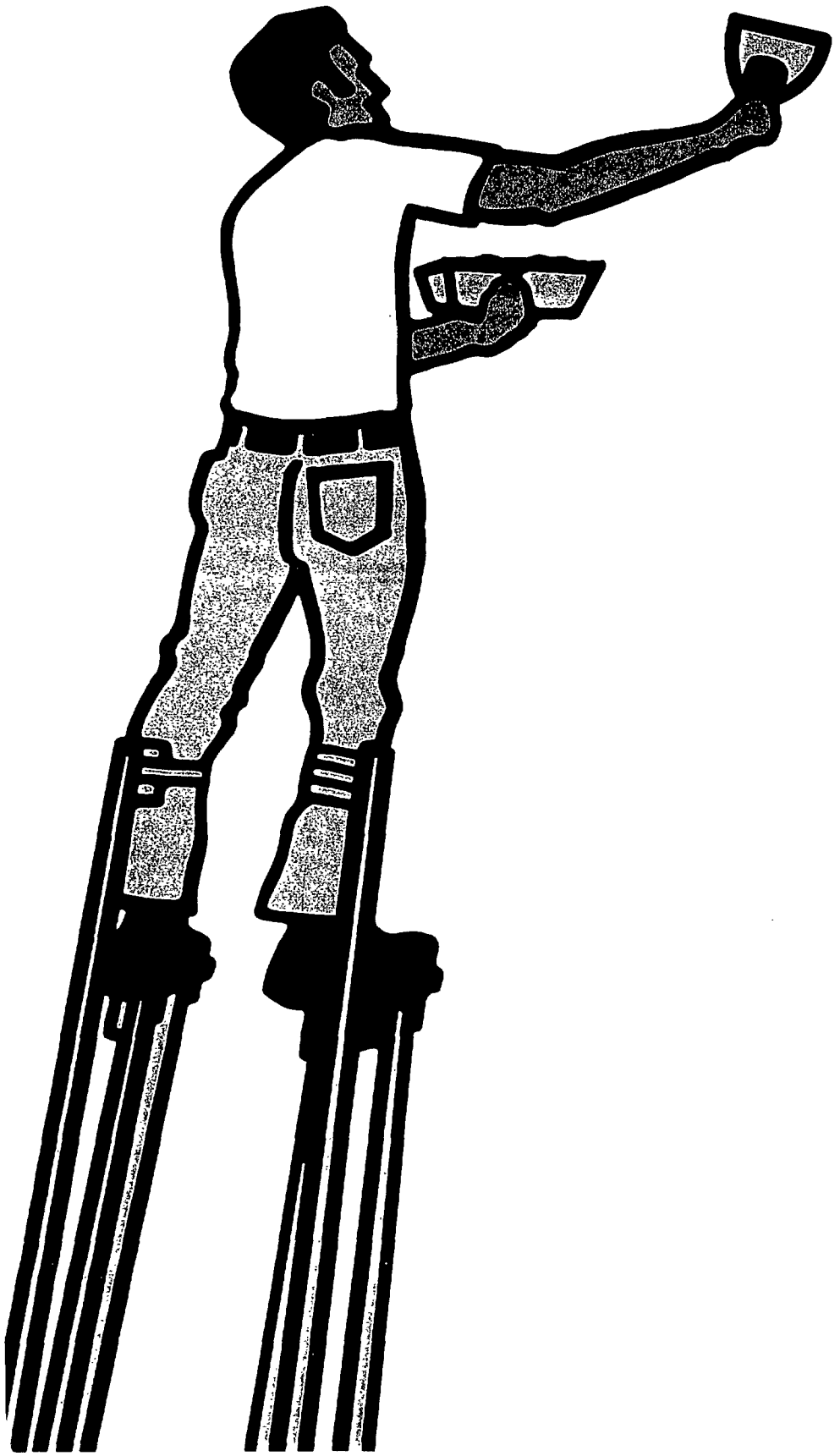
coverage: Approximately 5 gallons per 800 sq. ft. of gypsumboard.



SGP 0023442

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 builds in the absolute maximum taping and adhesive qualities possible. 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 gypsum-board 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.

coverage: Approximately 40 to 45 lbs. per 1000 sq. ft. of gypsum-board used in conjunction with 50 to 20 lbs. of G-P Bedding.

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

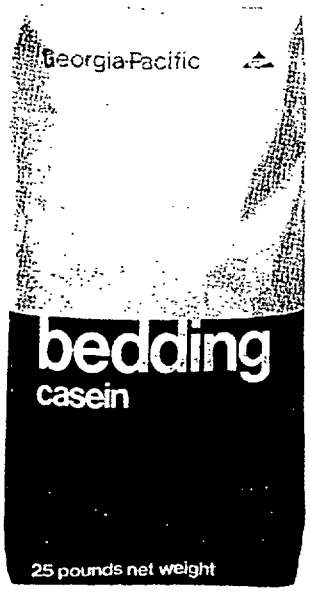
G-P all purpose

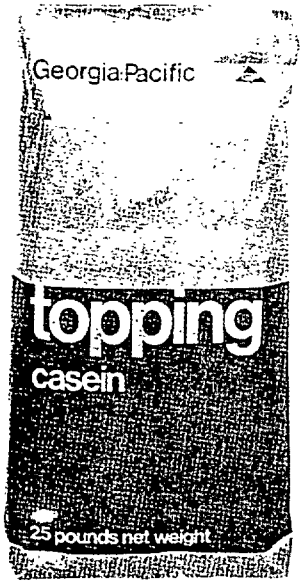
This product is formulated as a one bag system which can be used for topping, bedding and texturing, corner bead and nail spotting. G-P All Purpose is easy to mix, smooth working and exhibits relatively low shrinkage.

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

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

SGP 0023443







general mixing instructions

All casein products should be mixed with clean, potable 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 contents are cold, more than 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. The wet mixture will stiffen during the first 5 to 10 minutes. After a soaking period of 20 to 30* minutes, the mix will lose its stiffness. After the soaking period, the material should be remixed until it becomes plastic-like and creamy. If desired, more water may be added, at this time, to obtain a thinner consistency.

*The required soaking time may double if the temperature of the mix is much lower than 60° 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. The drying time will assure an even depth of taper and more uniform shrinkage.

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 Casein Topping. An alternative to this third step is to apply Casein Topping Compound to the entire area of board and joint and shear off tight. This operation is called a skim coat. It gives the surface more uniform texture and suction.

Where a skim coat has been used to finish the gypsumboard surfaces, a one paint application may be acceptable. For best results, a prime coat should be used over the entire area before the final decoration.

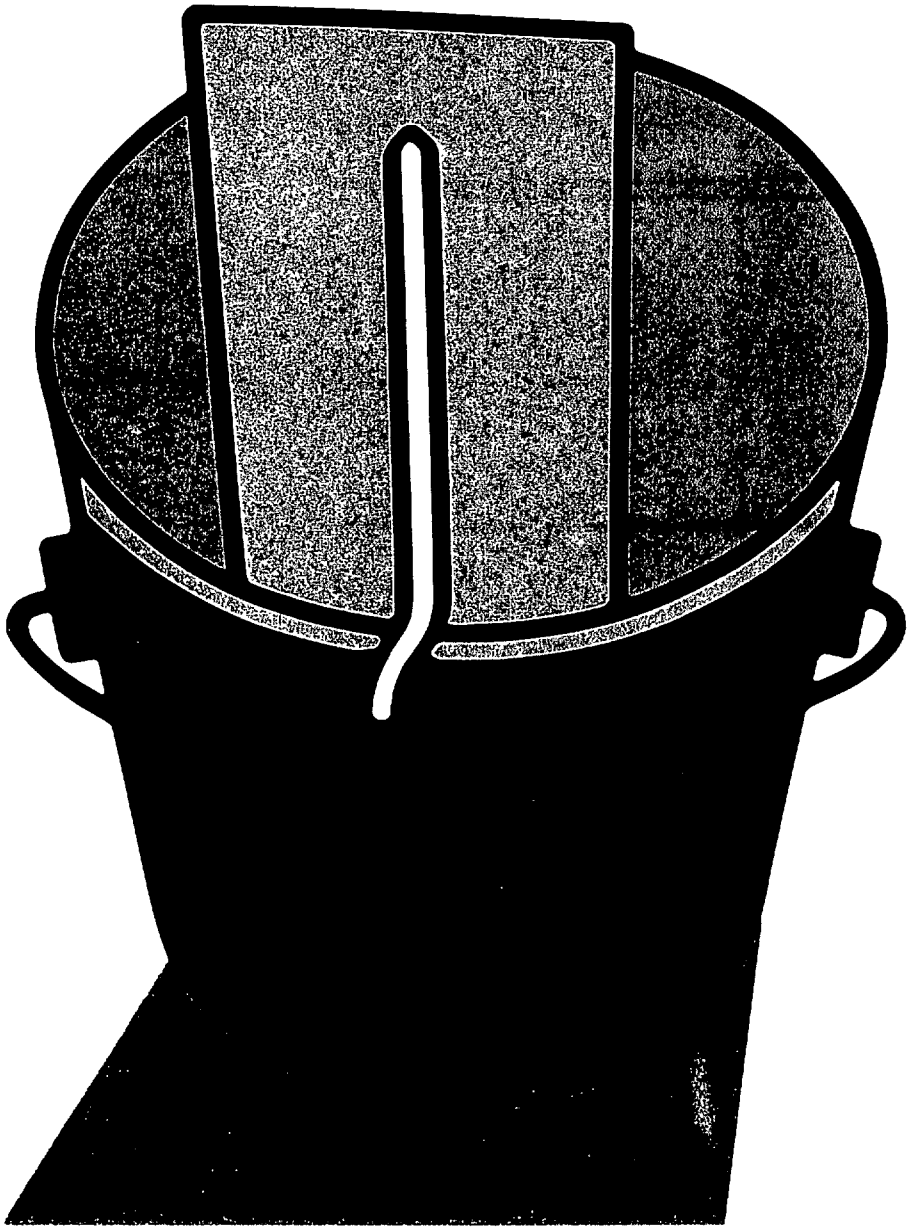
To texture finished gypsumboard surface, G-P Casein All Purpose may be used. For best results, apply a vinyl primer to the entire area before texturing. The texture may be applied with a roller, sponge, brush or other suitable implement, depending on the type of configuration desired. For heavy textures,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

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 new 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 gypsum-board used in conjunction with 40 to 45 lbs. of G-P Topping.

availability: In 25 lb. bags, only in the western and southwestern 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.

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.

availability: In 25 lb. bags, only in the western and southwestern 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 gypsum-board.

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

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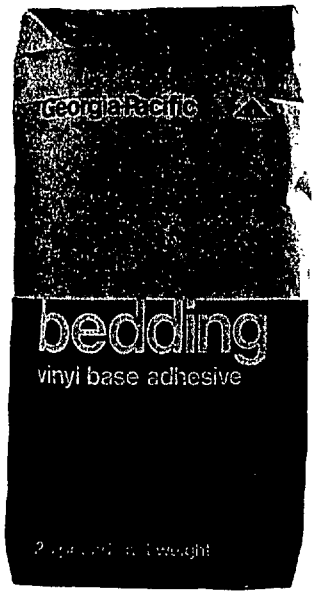
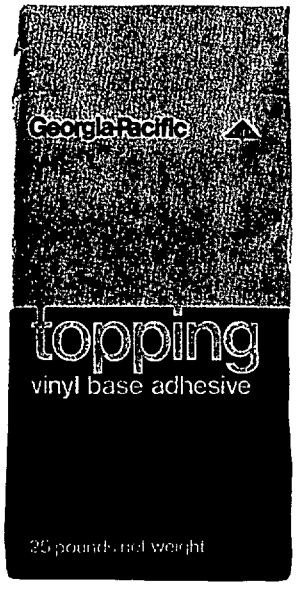






general mixing instructions

All vinyl products should be mixed with clean, potable 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 to consistency the material will be used. The wet mixture will stiffen during the first 5 to 10 minutes. After a soaking period of 20 to 30 minutes, the mix will lose its stiffness. After the soaking period, the material should be remixed until it becomes plastic-like and creamy. If desired, more water may be added, at this time, 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. The drying time will assure an even depth of taper and more uniform shrinkage.

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. An alternative to this third step is to apply Vinyl Bedding or Vinyl Topping Compound to the entire area of board and joint and shear off tight. This operation is called a skim coat. It gives the surface more uniform texture and suction.

Where a skim coat has been used to finish the gypsumboard surfaces, a one paint application may be acceptable. For best results, 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 22 pints of water and for light textures use about 25 pints per 25 lbs. Protect woodwork and trim during application and remove all drops and splatters before they harden.

vinyl base products

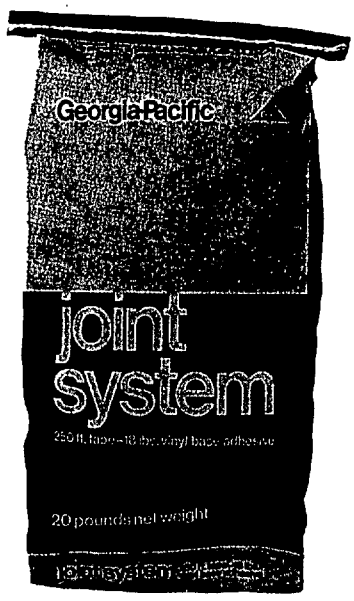
G-P joint system

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 western and southwestern 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, potable water at a temperature of 60°-80° F. Use 12½ 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 to consistency the material will be used. The wet mixture will stiffen during the first 5 to 10 minutes. After a soaking period of 20 to 30 minutes, the mix will lose its stiffness. After the soaking period, the material should be remixed until it becomes plastic-like and creamy. If desired, more water may be added, at this time, 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. The drying time will assure an even depth of taper and more uniform shrinkage.

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. An alternative to this third step is to apply bedding or topping compound to the entire area of board and joint and shear off tight. This operation is called a skim coat. It gives the surface more uniform texture and suction.

Where a skim coat has been used to finish the gypsumboard surfaces, a one paint application may be acceptable. For best results, 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 22 pints of water and for light textures use about 25 pints per 25 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. 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, potable water at a temperature of 60 -80° F. in a clean mixing container. Use 14 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 to consistency the material will be used. The wet mixture will stiffen during the first 5 to 10 minutes. After a soaking period of 20 to 30 minutes, the mix will lose its stiffness. After the soaking period, the material should be remixed until it becomes plastic-like and creamy. If desired, more water may be added, at this time, 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, every effort should be made to prevent 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. The drying time will assure an even depth of taper and more uniform shrinkage.

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. An alternative to this third step is to apply bedding or topping compound to the entire area of board and joint and shear off tight. This operation is called a skim coat. It gives the surface more uniform texture and suction.

Where a skim coat has been used to finish the gypsumboard surfaces, a one paint application may be acceptable. For best results, 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 22 pints of water and for light textures use about 25 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 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 common decoration of texture can be used over the finished surface.

vinyl base 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 one year and not lose any of its bonding or working properties.

coverage: Approximately 5 gallons per 800 square feet of gypsumboard.

availability: In 1 gallon or 5 gallon pails and 4 gallon boxes for either machine or hand tool consistency, everywhere in the continental U.S.

application instructions

Apply G-P Ready Mix 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. The drying time will assure an even depth of taper and more uniform shrinkage.

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 the joints to dry before proceeding further.

For best results, cover the joints a third time with G-P Ready Mix. An alternative to this third step is to apply bedding or topping compound to the entire area of board and joint and shear off tight. This operation is called a skim coat. It gives the surface more uniform texture and suction.

Where a skim coat has been used to finish the gypsumboard surfaces, a one paint application may be acceptable. For best results, 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 22 pints of water and for light textures use about 25 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.

gypsum base products

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 1 to 1½ hr. or 2½ to 3 hr. setting time. Working time is approximately ½ hour less than the setting time. When set, this material will not shrink.

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

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

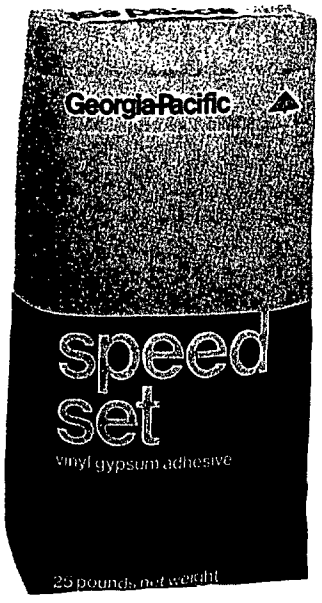
mixing instructions

G-P Joint Speed Set System Compound should be mixed with clean, potable water at a temperature of 60°-80° F. In a clean mixing container, use 12 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 consistency the material will be used. Speed Set 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 Vinyl Joint Compound was developed for use with G-P Round Edge Board, for either prefill or taping or both. However, Speed Set's drying time makes this product desirable for joint system jobs that require a fast setting time. (For detailed information about G-P's Round Edge Board, contact the distribution center nearest you—from the listing found on the inside back cover of this brochure.)



Apply G-P Speed Set 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. The drying time will assure an even depth of taper and more uniform skrinkage.

When the Speed Set has thoroughly dried and whitened, cover 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 dry before proceeding further.

For best results, cover the joints a third time with G-P Speed Set. An alternative to this third step is to apply bedding or topping compound to the entire area of board and joint and shear off tight. This operation is called a skim coat. It gives the surface more uniform texture and suction.

Where a skim coat has been used to finish the gypsumboard surfaces, a one paint application may be acceptable. For best results, 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 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 22 pints of water and for light textures use about 25 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.

specialty products

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. The textures are decorative and offer no acoustical properties.

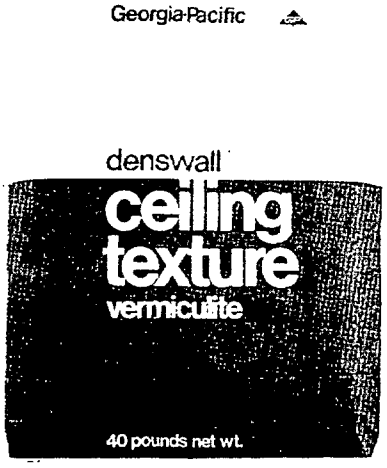
G-P wall texture

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 "high white" and matches all G-P ceiling textures. In addition, it offers a hard durable surface, good hiding properties, maximum coverage and great workability.



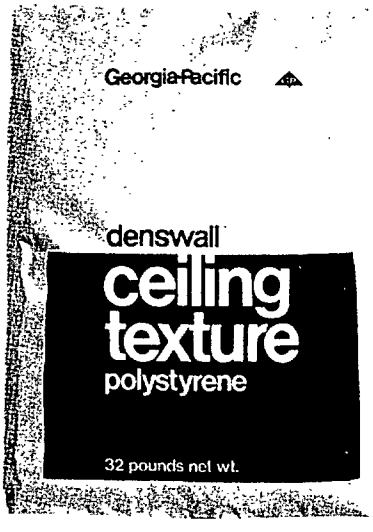
G-P vermiculite

Ceiling Texture 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 "high 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 packaged in a 32 lb. bag. Polystyrene texture is designed for fast, economical spray application to ceilings. The resultant texture is "high 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.

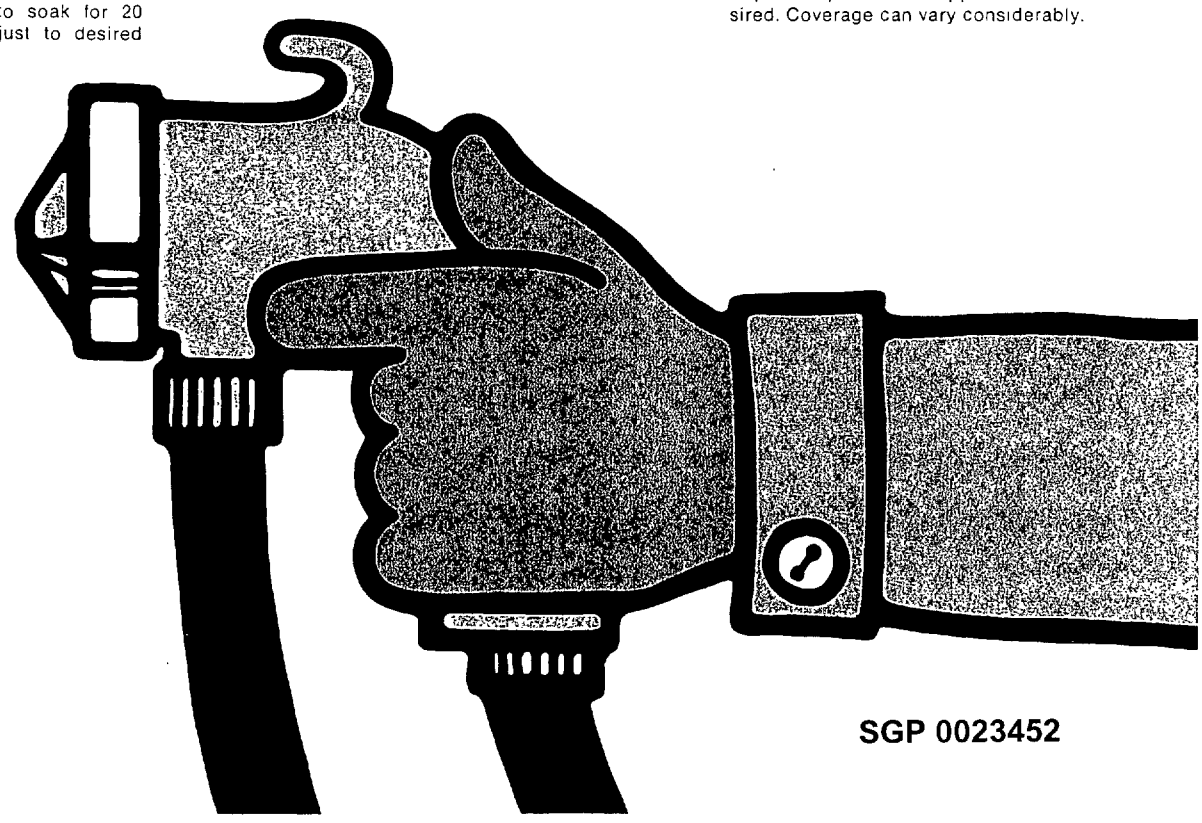
application to concrete

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 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 2½ gallons	No not exceed 1½ gallons additional	Spray 1,000 sq. ft. Trowel 200 sq. ft.	
vermiculite ceiling texture	Fine Medium Coarse	40 lb.	Add 3½ gallons	No 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 400 sq. ft.	300 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 0023452

vinyl base products

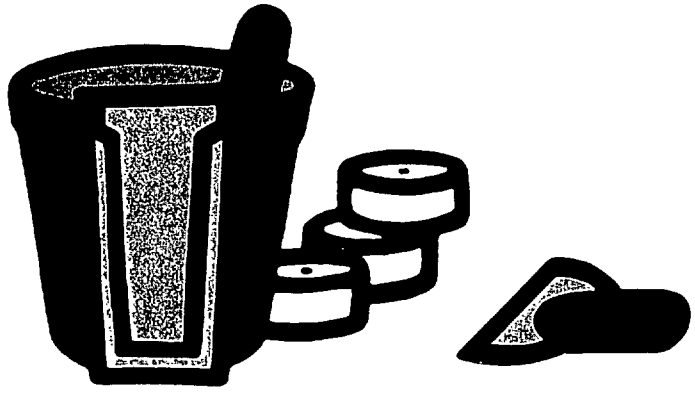
G-P grabit™ vinyl masonry adhesive

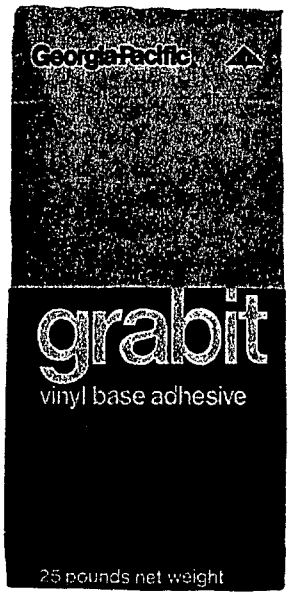
Georgia-Pacific Grabit is an adhesive which permits direct attachment of gypsumboard to masonry walls. It may be used on poured concrete, cinder block or concrete block walls which are reasonably straight and true and are free from surface treatment, decoration, or protrusions. Grabit may be used on exterior walls without waterproofing if they are above grade level. Grabit may also be used to adhere gypsumboard to polystyrene insulation material.

Adhesion with Grabit Masonry Adhesive is secure and permanent, with no need for furring strips or fasteners. After mixing with water as directed, Grabit can be applied with blade or caulking gun. Only four 1" ribbons are needed for each 4' wide gypsumboard panel. The adhesive fills in all normal irregularities in the masonry. In 3 to 4 hours, Grabit sets hard, and joint taping and finishing operations may then be started. This adhesive may be used wherever there is need to attach gypsumboard to masonry walls: in homes, apartments, hotels, offices and plants.

coverage: Up to ¼ lb. per square foot depending on roughness of base surface. Available in 50 lb. bags.

surface preparation: Surfaces should be reasonably straight and true, free of fragments of mortar, splinters from forms, protruding reinforcing rods, etc. Surface out of alignment by 1" or more should be leveled by some suitable means before attempting to apply gypsumboard with Grabit.





mixing instructions:

Mix dry powder Grabit Masonry Adhesive with clean potable water at a temperature of 60-80° F. In clean mixing container. Use 20 pints of water to 50 lbs. of Grabit. The results will be a paste which is plastic enough to be applied with a caulking gun, yet stiff enough so that the bead will not sag or flow. This mixture will maintain its consistency for 2½ hours or more; however, after that period Grabit hardens permanently in 3 or 4 hours.

application instructions:

On the back side of the gypsumboard to be used, apply a 1" wide ribbon of Grabit to each long, wrapped edge and two ribbons in the field of the board at 16" intervals. It may be advisable, in some cases, to use mechanical fasteners or a brace to hold the gypsumboard in place until Grabit Masonry Adhesive has hardened. To align joints, place a piece of 2" x 4" over the adjoining board edges and tap with a hammer. If there is difficulty in aligning board edges in this manner, the use of cut masonry nails may be in order. Protect woodwork and trim and remove all droppings from floor and face of boards before they harden.

consumer line





G-P joint system compound

Georgia-Pacific has packaged a joint compound for the consumer market. It contains the same high quality formulation for superior performance. 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, the consumer 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, or 4 lb. bags with a 60' roll of tape, everywhere in the continental U. S.

mixing: Mix the 4 lb. bag with 2½ pints of water. The 5 lb. bag with 3 pints of water.

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 G-P Tape in the center of the joint. Smooth down firmly into the compound, remove excess cement and level into an even surface.

When first coat is dry, cover with Joint Compound. Shear off surplus, leaving a smooth joint. When dry, another coat over the entire surface insures 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.



SGP 0023454

accessories and 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.

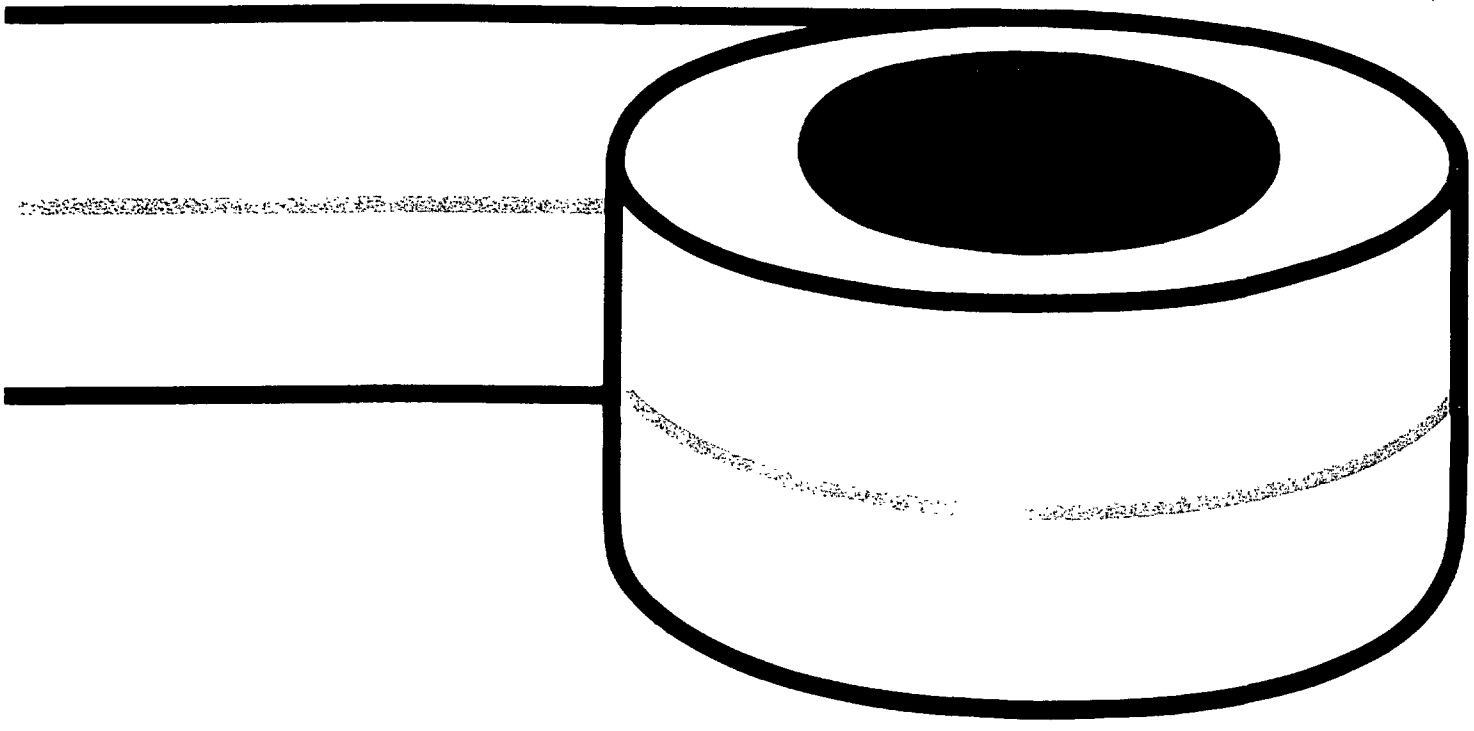
Relative Humidity	0	20%	40%	50%	60%	70%	80%	90%	98%
40 Temperature ° F.	28 H	34 H	44 H	2 D	2½ D	3½ D	4½ D	9 D	37 D
60	13 H	16 H	20 H	24 H	29 H	38 H	2½ D	4½ D	18 D
80	6 H	8 H	10 H	12 H	13½ H	19½ H	27 H	49 H	9 D
100	3 H	4 H	5 H	6 H	8 H	10 H	14 H	26 H	5 D

H = hours D = days

wallboard tape

Full 2″ width, "Miracle Crease" spark perforated tape with skived edges and sanded surface on both sides. Bonding qualities are excellent. Porosity permits rapid drying of Joint Compound. Easy to use, economical, with low 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.



SGP 0023455

gypsum glossary

common industry terms

The following terms are frequently used by the people that sell and install gypsum products. If you are familiar with these terms, they should assist you in your day-to-day contact with the trade.

bazooka
A mechanical device used for applying tape and joint compound in one operation.

banjo
A smaller version of the "bazooka."

beading
A condition created by shrinkage or movement forming a raised seam where two boards meet.

book
Two pieces of board face to face.

boom
A device used for lifting a load of board on a high-rise job.

corner bead
A metal or plastic reinforcement which provides a straight neat line at corners for the application of plaster or gypsumboard

dimple
Indentation made when hammer drives nail into board.

edge
The wrapped sides of the board.

end
The open sides of the board with the core exposed.

face
The area of the board that faces into the room.

finisher
Puts finish coats of joint system mud on joints; he may also sand.

framing member
Joists, wood or metal studs, and top and bottom plates.

hanger or rocker
Person who nails board on wall and/or ceiling.

joint
The area where two boards meet.

knife
Utility knife used for cutting gypsumboard.

lamination
The process of adhering two gypsumboards together face to back.

lid
Gypsumboard on ceiling.

mud
Any joint system product.

non-load bearing
Structures and/or wall assemblies that do not support overhead weight.

partition
Separation between rooms or living units. Can be load or non-load bearing.

riser or sluter
Gypsum strips stacked to support units of gypsumboard so that a fork will fit.

round edge
Georgia-Pacific's edge design developed to reduce beading and ridging problems at joints.

sling
Used for lifting a load of board on a high-rise job.

sling load
A lift truckload, usually about 40 pieces of board.

stock
Putting the right amount of board in the right room or location on a job prior to being hung.

supplemental fasteners
Staples, nails, screws, etc.

taper
A fellow who applies tape and mud to joints and corners.

taper
The valley along the edges of gypsumboard.

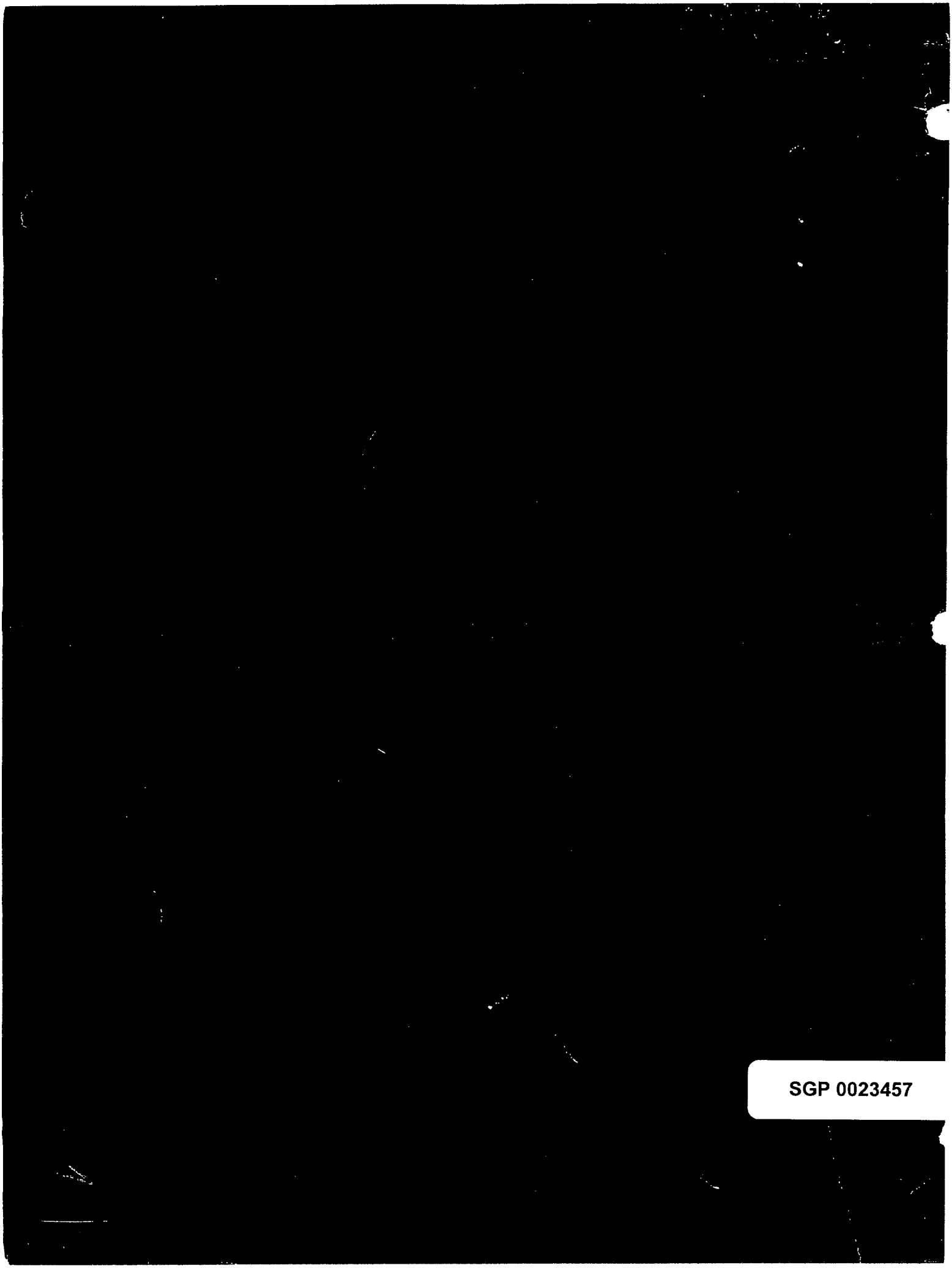
twin mounting
An industry term used to describe the packaging process of laying two pieces of gypsumboard face to face and sealing the ends so that the boards will truck without shifting enroute.

twin mounting tape
Tapes used to hold the twin mounted boards together.

type X
Special fire retardant type gypsumboard designates gypsumboard that complies with ASTM C36.* This is a generalized term for this type gypsumboard, with each manufacturer having its own nomenclature. G-P uses Firestop® Type X and Type XXX.
*GP's regular gypsumboard also complies with C36.

abbreviations

C & P	Carpet and Pad
cps	cycles per second
dB	decibels
est	estimated
ft	foot
ga	gage
Hz	Hertz (cycles per second)
hr	hour
IIC	impact insulation class
INR	impact noise rating
in	inch
ISO	International Organization for Standardization
lab	laboratory
lb	pound
(LB)	load-bearing (fire-tested under load)
Mfr	Manufacturer
N/A	not available or not applicable
(NLB)	nonload-bearing
o.c.	on center
pcf	pounds per cubic foot
psf	pounds per square foot
sq	square
STC	sound transmission class
STL	sound transmission loss
TL	transmission loss



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