



Total Tex Product Data

(Premixed Interior Wall Coating)

Description

Total Tex is a highly versatile and easy-to-use coating for interior walls and ceilings.

Total Tex Standard combines the primer, topcoat and optional texture, all in one economical product.

Total Tex is water based and can be easily tinted to a wide variety of colors and can be applied in a wide range of finishes from smooth to orange peel to an adobe texture.

Total Tex can be applied by spray, roller over drywall or masonry.

Total Tex produces a hard, scrub-resistant, high performance and highly attractive finish, to enhance any commercial or residential interior setting.

Total Tex contains a preservative to prevent the growth of mold and mildew.

Total Tex Products:

- Total Tex Standard – the most versatile product, which produces a flat, very durable, hard and scrub resistant with excellent hiding power. Total Tex Standard can be sprayed, brushed, rolled or trowel directly over level-3 (unsanded) or better raw drywall, masonry or over most painted or papered drywall. Total Tex has been tested to perform satisfactorily with all common brands and types of joint compound. However, joint compound additives, such as No Pock, should not be used unless priming is intended.
- Total Tex Quick Dry – a faster drying version of Total Tex Standard, ideal for modular application.
- Total Tex Satin – produces an egg shell luster and requires a primed surface or minimum level-4 drywall.
- Total Tex Semi Gloss – produces a medium gloss appearance and requires a primed surface or minimum level-4 drywall.
- Total Tex Perlite – produces a variety of sand textures. Requires a primer over drywall.
- Total Tex Prime Coat – an economical spray applied primer for dry wall.
- Total Tex Trowel Grade – a buttery grade of Total Tex Standard ideal for trowel application.

Mixing Instructions

Open a new container of Total Tex and stir with a low speed mixer for 30 seconds. Avoid air entrapment in the product during mixing. Total Tex is typically spray-applied neat. However, up to 12 ounces of potable water may be added to adjust workability only if necessary. If water is added, the same amount must be added to each pail.

Surface Preparation

Drywall: Do use joint compound additives unless the drywall is to be primed ahead of Total Tex application. Be sure the joint compound and topping mud is thoroughly dry before product application. Moderate to light dust from sanding is acceptable on level-3

drywall. However, if the drywall surface (level-3) is very dusty from heavy sanding, there are three options, any one of which will help insure proper bond over the dusty surface:

1. Spray the texture coat ahead of the smooth coat. The air stream from the texture coat blows some of the dust off the wall surface. This enhances bond when the uniform smooth coat is applied second.
2. Wipe down the walls to remove some of the dust.
3. Prime the walls first with a penetrating primer that will adhere through the heavy dust.

Total Tex Standard and Trowel Grade products require minimum level-3 drywall. Total Tex Semi Gloss, Satin and Perlite grades all require minimum level-4 (primed) drywall. Masonry: Remove all dirt, debris and any substance that interfere with bond. Be sure the surface is dry before application begins.

Spray Application

Mask off windows, doors and trims. Spray the ceiling first followed by the walls. (If the ceiling is to be painted, then mask off the ceiling as well).

An airless sprayer (without compressed air) is used to spray on the non-textured Smooth coat. Following the Smooth coat, the application of texture requires the addition of compressed air. Application of Total Tex by spray can be accomplished with either of the following arrangements of equipment:

1. An airless spray machine for the smooth coat plus an air atomizer adapter and an air compressor to be used for the texture coats, or
2. An airless spray machine for the smooth coat and a separate texture machine sprayer or a hopper gun setup to apply the texture coat.

Equipment Specifics: Use a minimum 0.6 gpm sprayer such as the Graco Ultra 595. A 0.75 gpm or higher machine, such as the Graco Ultra Max II or Graco Mark V is recommended, especially for applying heavier textures. An air atomizer adapter (Graco part number 244223) plus an air compressor will be used for texture application unless alternate equipment, such as a texture sprayer or hopper gun, is used for the texture pass. A minimum ¼" diameter hose is required and a 3/8" hose diameter is recommended. The maximum hose length and diameter will be equipment dependent. A reducer may be necessary to support a greater hose length. If a separate air compressor is being used, the compressor must be capable of minimum 6 CFM at 80 psi, however, a 10-12 CFM at 80 psi compressor is recommended.

SMOOTH: Use a tip size between .017 and .029 (0.023 recommended). Adjust the machine pressure between 1500 to 3200 psi. Stand at a distance approximately 2' to 3' from the surface. Start high on the wall and work down using a cross spray stroke technique. Desired coverage pattern is even and smooth at 10 to 12 wet mils average thickness. Allow 1 hour to dry. Touch up thin areas with sprayer if needed.

ORANGE PEEL TEXTURE: Begin with a Smooth Texture as outlined above. Orange Peel texture can be generated either with or without air. To apply Orange Peel without air, continue to use the airless sprayer. Simply switch to a larger tip than was used to apply the smooth coat (0.027 or larger). Reduce the machine pressure down to about 600 psi. Spray on the texture application. The tip size, machine pressure and wand

movement can be adjusted to alter the Orange Peel texture. To use air, rather than airless, to spray the Orange Peel texture, install the air atomizer attachment with the #2 tip on the gun. Set the machine to between 400 to 500 psi. Set the air compressor to 80 psi. Stand 2' to 4' from the wall, begin at the top and work down using a cross spray. Total wet mil thickness, including smooth texture base, is targeted to be 15 to 18 mils.

SPATTER DASH TEXTURE: Begin with a Smooth Texture first as outlined above. Install the air atomizer attachment with the #2 or #3 tip on the gun. Set the machine to 300 to 500 psi. Set the air compressor to 30 to 40 psi. Stand 2' to 4' from the wall, begin at the top and work down using a cross spray. Total wet mil thickness, including smooth texture base, is targeted to be 20 to 25 mils.

ADOBE OR KNOCKDOWN TEXTURE: Begin with a Smooth Texture as outlined above. Install the air atomizer attachment with the #4, #5 or #6 tip on the gun. Set the machine to 500 psi. Set the air compressor to 40 to 60 psi. Stand 2' to 4' from the wall, begin at the top and work down using a cross spray. Wait 15 to 45 minutes and lightly pass a rubber squeegee over the spatters to produce the desired knockdown appearance. Keep the squeegee clean by wiping the blade often. Total wet mil thickness, including smooth texture base, is targeted to between 20 to 25 mils.

KD ULTRA TEXTURE: Begin with an Adobe/Knockdown Texture as outlined above. Remember that any texture pass may be a contrasting color if desired. Remove the air atomizer attachment on the gun and go to the largest tip your equipment will accommodate (0.023 to 0.035 recommended). Set the machine to 800 psi. Begin at the top and work down applying a drizzle type of spray pattern. Total wet mil thickness, including smooth texture base, is targeted at 25 to 30 mils.

Roller Application

Use a good quality ½" nap roller and apply in up to two passes to achieve a wet mil thickness of 5 to 10 mils. A roller-applied texture may be achieved using a looped texture roller.

Trowel Application

Use a stainless steel trowel and apply in a similar technique used to apply freestyle finishes or cement plaster materials. Begin with a 1/32" skim coat and double back with a brush or trowel to produce the desired hand-applied texture from a plaster smooth finish to a brush finish to a skip-trowel effect.

Producing BrickFace or Stone Veneer Finishes

Apply the smooth base coat using spray, roller or trowel in the desired color of the mortar joints and allow time to dry. Attach the self-stick brick or stone template design to the wall. Spray or trowel-apply the second coat in the appropriate color of the brick or stone. Texture the surface of the second coat to simulate the type of brick or stone desired. Apply a very light intermittent pass of Total Tex in pre-selected accent colors over the second coat to antique the appearance.

Painting Recommendations

Should the customer require an accent color or different gloss finish, Total Tex can be easily painted with a good quality water based vinyl acrylic or acrylic finish. The paint may be applied by brush, roller or spray techniques. Be sure Total Tex is completely dry before painting.

Technical Data

Appearance Thixotropic liquid
pH (wet) approx. 9.0
Density (wet)..... 12 lbs/gallon
Chemistry aqueous-based polymer emulsion system
Viscosity..... Approximately 15,000 cps (Z-6 Krebs SXD)

solids by weight 72.02% ASTM D5201-03a
solids by volume 63.55% ASTM D5201-03a

VOC is calculated IAW section 5.6.2 of ASTM D5201-03a
VOC expressed as mass of VOC per unit volume of coating solids (non-volatiles) 54.54 gms/liter

Fire Resistance ASTM E84-03 (UL-723; ANSI No. 2.5; NFPA 255; UBC 42.1)
Flame Spread Index 5
Smoke Development Index 0
Perm Rating ASTM E96 Method A 6.68 US Perms, 3.34 Perm-Inches
Nose Reduction Testing - NRC rating of 0.1 in accordance with ASTM C423-90a
Scrub Resistance - 4435 cycles in accordance with ASTM D2486

Coverage

<u>Texture</u>	<u>Wet Mils</u>	<u>s.f. per 5-gallon</u>
Smooth	10-12	700-800
Orange Peel	15-18	450-550
Spatter Dash	20-25	325-400
Knockdown	20-25	325-400
KD Ultra	25-30	275-325

Handling and Storage

Use a dust/paint mask, goggles, full coveralls, hat or hood and gloves. Always insure there is adequate ventilation. Maintain interior temperature between 50 F and 90 F during application.

Keep from freezing. Store indoors in temperatures between 50 F and 100 F. Keep container covered when not in use. Always have adequate ventilation during application. Wear protective equipment when handling and applying Total Tex, including a mist/fume mask, goggles, gloves and full coveralls. Do not apply if the temperature cannot be maintained above 40 F for 24 hours. Shelf-life in sealed containers is 18 months when properly stored.

Touchup and Maintenance

Touchup will be greatly improved if the following guidelines and recommendations are considered:

1. The more glossy the material, the more difficult the touchup.
2. Darker colors are more difficult to touchup than lighter colors.
3. Use the exact same equipment, same setup, same technique and same product for spray touchup.
4. Feather out several feet further from the repair area to help blend the touchup coat.
5. For satin and semi gloss finishes, if touchup work is definitely anticipated, back-roll the final smooth coat with a paint roller. Touchup on this application can then be achieved by using a roller (same nap roller and using the same product).
6. When possible, create similar environmental conditions (temperature, humidity moving air, etc.) that existed during the original application.

Dust, dirt and water-soluble contaminants can be removed from the surface by wiping with a damp cloth. Use of aggressive cleaners, abrasives and solvents be avoided as they may damage the finish.

Warranty

Total Wall warrants Total Tex to be made in our own factory from high quality raw materials under quality control supervision. A three year material warranty is available for Total Tex on registered projects when applied over approved substrates and under specified conditions. To be eligible for warranty, an application for warranty must be received by Total Wall prior to completion of the application. Certain limitations and restrictions apply. Aside from warranties specifically issued or approved by Total Wall, there are no other warranties of merchantability or fitness for any particular purpose, implied or otherwise. Total Wall is the sole judge of the validity of any claims. Total Wall is not responsible for workmanship, materials supplied by others, environmental conditions, faulty details, or acts of God. At no time and for no reason can the value of any warranty exceed the original purchase price for the Total Tex. Remedies will be limited to repair, replacement of Total Tex material, or credit at the option of Total Wall. For more information, contact your local Total Wall Distributor or call Total Wall.

Precautions:

This product is a mildly alkaline water based material.

Do not ingest. Avoid inhalation and contact with skin and eyes. In case of contact, flush with water. In case of contact with eyes, immediately flush with water and get immediate medical attention in addition to flushing. Wear full protective safety equipment when handling. Keep out of reach of children and pets.

For additional information, please contact Total Wall Technical Support.
R0705