

Span Notes



Jointless textured ceiling applications on Spancrete® plank

There are millions of square feet of textured Spancrete ceilings worldwide. Today many owners and architects want not only a textured Spancrete ceiling, but jointless as well. Jointless Spancrete ceilings have become a common practice today.

Spancrete plank, as removed from the casting beds, have bottoms with a block-like texture. This provides an excellent bonding surface for joint filler and an applied texture. Attractive, jointless ceilings can be economically achieved by applying joint filler and a textured finish to the plank.



There are a wide variety of texturing materials manufactured specifically to cover structural concrete.

The following are the steps being used in many regions to provide a jointless, textured ceiling. Contact your local texture applicator before starting your project.



Step 1: Apply joint filler into the V-groove between the Spancrete plank.



Step 2: Apply second coat over V-groove prior to fiberglass mesh installation.



Step 3: Install fiberglass mesh over V-groove.



Step 4: Skim coat over mesh, feathering the joint approximately one foot wide or as required.



Step 5: Apply texture over entire ceiling.



A variety of textures are available.

The following items are essential, when preparing your Spancrete for a textured jointless ceiling:

- Like any other building material, Spancrete plank should be clean and dry prior to applying texture.
- Small chips and spalls, as defined by *PCI Quality Control Guidelines*, should be properly patched by the texture applicator; larger chips are the responsibility of the plank erector.
- The texture and joint filler should be applied with the proper equipment, as recommended by the texture applicator contractor and/or manufacturer in your location.
- Texture manufacturers have various recommendations for the application of their products. Many of them require spraying, troweling, or rolling of a specific primer prior to applying the texture.
- Spread rate is extremely important. Most manufacturers caution about problems created by insufficient or excessive coating.
- Identify a small room or area for test application of joint filler and one or more textures prior to starting the job. This allows you to check for proper coverage, texture, discoloration, adhesion and other concerns.



- Ceiling applications should be applied in strict accordance with the texture manufacturer's instructions.

Spancrete® Manufacturers' Association Providing Quality Worldwide

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