



Rockfon® DMT Edge Products

System Overview

DESCRIPTION

Rockfon® DMT products include Rockfon Sonar®, Rockfon Sonar® Activity and Rockfon Alaska®. The DMT Edge is a finished edge product that can be directly adhered to a substrate using adhesive.

When installing tiles using this system, both aligned and offset patterns can be created. Due to the small installation depth required, the finished ceiling height can be maximized. To ensure a long term solution, it is important that the adhesive used is compatible with both the tiles and the substrate. This should be checked with Titebond® as their manufacturer guidelines should be followed.

STORAGE AND HANDLING

Boxes should be handled with care. Boxes should be stored in a flat, horizontal position.

SITE CONDITIONS

Rockfon DMT Edge Products do not require acclimatization. Stone wool is dimensionally stable. The product can be installed in temperatures between 10°C (50°F) and 38°C (100°F) under humidity conditions of up to 100%.

HANDLING

It is recommended to use clean gloves with a non-marking rubber/latex coating or polyethylene gloves when handling Rockfon tiles to avoid contamination.

RESTRICTIONS

Additional loads must not be placed on the tiles. All loads should be transferred to the substrate. Rockfon DMT Edge tiles should not be used in swimming pools or outdoor environments. Failure to properly install Rockfon DMT Edge tiles using Rockfon guidelines will suspend all warranties.

Titebond® GREENchoice Acoustical Ceiling Tile Adhesive is a high strength elastic adhesive for bonding Rockfon Alaska, Rockfon Sonar and Rockfon Sonar Activity onto concrete, wood, OSB, plywood and drywall ceiling constructions. Both products offer a guaranteed long-lasting end result (subject to correct use of the instructions).

BEFORE THE APPLICATION

SUBSTRATES:

The substrate (typically of concrete, stone/brick, gypsum, wood, metal, and various synthetics) should be solid and firm. Any paint or plaster layers must have durable adhesion strength. If the substrate is uneven or shows rough irregularities of more than 3/16" then adhesive is not recommended.

PRE-TREATMENT

The substrates must be clean and free of condensation, dust and grease. The substrate does not need to be absolutely dry (slightly humid substrates without water are allowed). For very porous and/or absorbent substrates, a primer is recommended. Please contact Titebond's Technical Service at 1.800.347.4583 for a primer recommendation.

APPLICATION

Titebond® GREENchoice Acoustical Ceiling Tile Adhesive is applied with a putty knife or scooping tool to apply a golf ball size (1" to 1 1/2") dollop of adhesive. Place dollops 2-3" in from the corners on the back of the tile. Please review adhesive diagrams on the following page for the location of adhesive dollops based on panel size. The panels must be installed within 15 minutes of applying the adhesive. Press the panel firmly and fully onto the substrate with a foam padded plasterer's trowel. The panel bonds directly to the substrate without the need to support it. Moving panels slightly for correct positioning is still possible during the first few minutes.

Installation Guide

STRENGTH AND CURING

Panels should be installed on the substrate within 15 minutes after application of the adhesive. The initial adhesive strength (green strength) is more than enough to keep the panel immediately in place. Once fully cured and having been installed as specified, a safety factor of several times the required adhesive value is realized.

Titebond® GREENchoice Acoustical Ceiling Tile Adhesive drying time is increased as the humidity levels become elevated. Final bonding strength of the adhesive is reached within several days, dependent upon the conditions. The adhesive is permanent, strong and flexible.

TECHNICAL DATA

Application Temperature: Over 10°C (50°F) for adhesive and substrates

Service Temperature Range: -17.8°C - 48.9°C (0°F - 120°F)

Shelf Life Packaging: More than two years in unopened container

Appearance: Beige

Calculated VOC: 33.18 g/L

Weight/gallon: 11.9 lbs

Coverage: 50 to 60 sq. ft. of ceiling tile per gallon

Freeze/thaw stable



Titebond®

Franklin International Construction Products Division

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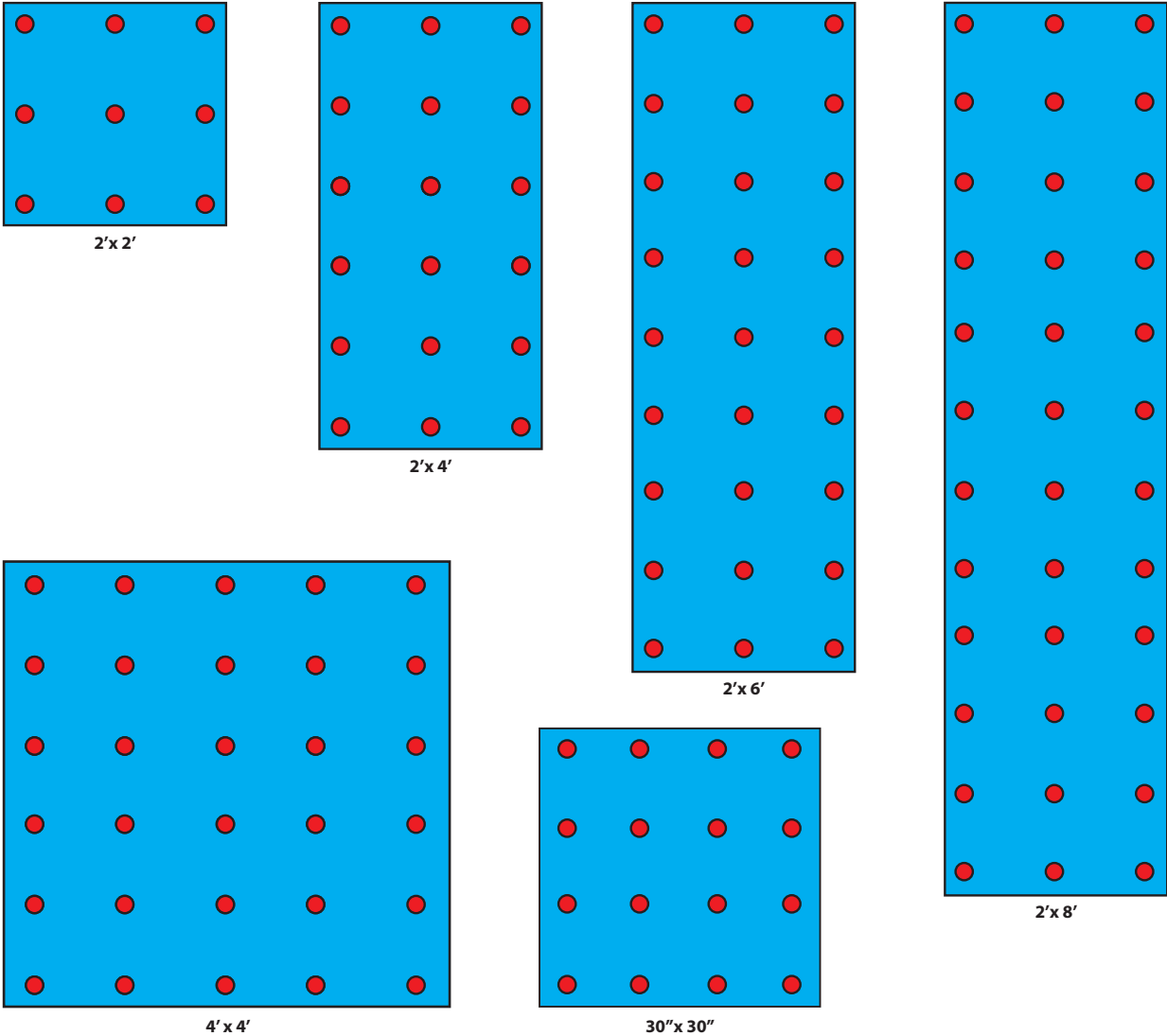
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Titebond® GREENchoice Acoustical Ceiling Tile Adhesive Recommended Application Patterns

STRENGTH AND CURING



Larger panels should be bonded with a golf ball size mound of adhesive located at the corners of each square foot of panel space. A trowel can be used to apply the adhesive instead of golf ball size mounds, but must select a trowel that will form ridges or beads of adhesive that will allow the adhesive to bridge the gap of the panel to the flatness of the intended bonding surface. Failure to bridge the adhesive from the panel to the intended wall/ceiling surface may cause panels to fall.

*These instructions are for mineral wool tiles only and the surface priming step has been eliminated. The installation instructions on the adhesive container are for cellulosic based tiles, which require priming the cellulosic surface prior to adhesive application by using the "butter" method. To utilize the "butter" method, spread a thin layer of adhesive to cover a large area of each portion of the tile where adhesive will be placed. This will protect the cellulosic tile from water absorption and failure.