

MERKRETE

Burst

Add-a-Pak Accelerator Additive for Portland Cement Mortars

2. Manufacturer

Parex USA, Inc.
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3. Product Description

BASIC USE: BURST Add-a-Pak is a powerful additive used to give portland cement products a BURST of accelerant for faster set times. It can be used to help speed up work times in most any portland cement mortar such as mud beds, masonry mortars, underlayments, thin sets and grouts.

Advantages

- Accelerates set time
- Easy to use
- Does not affect mortar characteristics
- Cuts work time in half
- Excellent for repair work
- More economical than standard rapid setting mortars

4. Technical Data

Applicable Standards: Standards do not apply for this product.

Products	Product Weight	AVERAGE SET TIMES*		
		Without "BURST"	With "BURST" (One Packet)	With "BURST" (Two Packets)
700 - Non Modified	50 lb.	7 Hours	2.5 Hours	1 hour
705, 710 and 7d10 - Modified	50 lb.	7 Hours	3.5 Hours	2.5 Hours
735, 820, 855 and 856 - Highly Modified	50 lb.	7 Hours	4.5 Hours	2.5 Hours
Integra, Versatile, Sanded and Non Sanded Grouts	25 lb.	6 Hours	1.5 Hours	1 Hour
Underlayments 1" Thick	25 lb.	8 Hours	4 Hours	2 Hours
Mud Bed 1" Thick	50 lb.	8 Hours	2 Hours	1 Hour

*at 70°F and 50% relative humidity

Packaging: 1 pound bags, 30 bags per Case | Color: Off White

Shelf Life: 1 year from manufacturing in sealed original container, when properly stored at room temperature, off the ground in a controlled, dry, heated area.

5. Installation

Thin Set Installation

Mixing Thin Set with Burst Add-a-Pak

Mix in a clean container that is to be used with the thin-set. Add water first, then BURST, mix thoroughly. Add desired product as normal and mix per manufacture is requirements. *NOTE : One or two packages of BURST may be added as necessary. Always try one first, then on subsequent mixes, ad as desired.* Mix thoroughly by hand or with a slow speed mixer to a smooth, thick, trowelable consistency. Allow mortar to slake for approximately 5 minutes, and then remix before using. Remix without adding additional water, latex or powder. Mortar consistency shall be such that when applied with the recommended notched trowel to the substrate, the ridges formed in the mortar do not flow or slump. During use, stir mortar mix occasionally. Do not temper with additional water.



Application of Thin Set with Burst Add-a-Pak

Apply mortar to the substrate with the flat side of the trowel, with enough pressure to firmly work into the surface. With a notched trowel, immediately follow with a heavier coat of material using the appropriate trowel and enough mortar to provide 100% coverage to the back of the tile. Some extruded or lug back tiles back-buttering of tiles may be required. Do not spread more mortar than can be covered in 10 minutes or before the mortar skins over. It is advised that during the installation, remove a tile to insure the mortar has not skinned over and check the tile and substrate mortar coverage. Comb the mortar using an appropriate notched trowel in one direction. Place tiles in mortar, slide back and forth perpendicular to the ridges to insure proper coverage. Do not adjust tiles set in mortar after 5 minutes.

Grout Installation

Mixing Color Grout with Burst Add-a-Pak

To minimize color variation when using multiple containers of the same color grout with different batch numbers, dry-blend the Burst Add-a-Pak to the Color Grout prior to mixing with water. Combine approximately 4 1/2 pints (2.13 L) of cool clean water per 25 lb. bag (11.34 kg) of grout with a margin trowel or a low speed mixer (less than 300 rpm) to a lump free, paste-like consistency. Let stand 10 minutes, re-mix before use. Periodic mixing during application keeps the grout workable but do not add additional water or additive once mixed. Consistency of mixing ratio between batches helps to maintain color shade uniformity. Discard grout when it becomes too stiff to work.

Application of Color Grout with Burst Add-a-Pak

Installation shall conform to ANSI A108.10 - 1999. Holding a rubber grout float at a 45° angle, force grout diagonally into joints ensuring joints are completely filled. Remove excess grout using edge of float held at a 90° angle. Cleanup can begin as soon as the grout becomes firm enough to only be slightly indented when pushed. Use as little water as possible for grout cleanup. Excess water will cause variation in color and may cause shrinkage, cracks or pinholes. Smooth and level joints and, in a circular motion, remove excess grout from tile with a damp small pore grout sponge. It is best to change cleaning water and rinse sponge frequently. Using clean water and sponge will enhance color uniformity.

Limitations: Do not use MERKRETE Burst Add-a-Pak below 40°F (4°C). Use caution; do not allow mortar to freeze for the first 72 hours. Cool and wet weather may delay the set times of the Burst Add-a-Pak. Do not soak tiles previous to installation. MERKRETE Burst Add-a-Pak mixed thin sets must not be used to apply over asphalt sheeting, vinyl covered wall board, Masonite®, cement asbestos board, metal, glass, plastic, gypsum mortar beds or other unstable substrates. Improperly cured or wet plywood, particle board or strip wood are not suitable substrates. Installations that will be continually wet like swimming pools, fountains and gang showers the completed installation should be cured a minimum of 14 days and allowed to dry before exposure to water. For white or light colored marbles use MERKRETE Burst Add-a-Pak Admixture mixed with White thin set mortar. Some dimensional stone tile like resin backed, black, green and red marbles may warp when installed with water based setting materials. These water sensitive stone tiles should be installed with MERKRETE ProEpoxy. For use of MERKRETE Burst Add-a-Pak mixed with thin sets, grouts and underlayments not mentioned in these instructions, contact MERKRETE Technical department.

Cleaning: Water is all that is needed to remove any uncured mortar from tiles, tools and equipment.

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6. Availability

Merkrete Burst is available at leading tile houses and construction distributors. Contact Merkrete for the name of the nearest dealer or visit our website at www.merkrete.com for a Distributor Directory.

7. Warranty

5 year to Limited Lifetime warranties are available. Contact Merkrete Technical Services or visit our web site for specific warranty information. Merkrete warrants that this product meets applicable ANSI standards in force at the time of manufacture.

8. Maintenance

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

9. Technical Services

Merkrete Systems maintains technical field representatives available throughout the country. Call Technical Services at 800-226-2424 for the nearest representative.

10. Filing Systems

Merkrete architectural product information available either in catalog form, or electronically on our website at www.merkrete.com.



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