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Owens Corning Continues to Improve ELAMINATOR Insulating Systems

LAS VEGAS, Nev., Oct. 23, 2001 – Already the leading system for installing insulation on the metal roofs of pre-engineered buildings, the ELAMINATOR® System has been upgraded by Owens Corning in 2001 to include three significant improvements. The company is showcasing the improvements this week at the MetalCon International 2001 trade show in Las Vegas.

“The ELAMINATOR Insulating System has been the industry benchmark since its introduction in 1993,” said Denny Wenrick, Owens Corning business manager for the ELAMINATOR Insulating System. “Despite having the best system in the marketplace, we continue to make improvements that enhance safety and productivity. Each year we have added refinements that increase the efficiency and effectiveness of both the equipment and the process.”

ELAMINATOR 300 Series refinements for 2001 include:

- The addition of Purlin Stabilizer Wheels
- The addition of Support Plates

ELAMINATOR 100 Series refinements for 2001 include:

- The addition of a new 120 Series Machine with patented guide wheels

“The new Purlin Stabilizer Wheels (PSW) enable the 300 machine assembly to operate on slopes up to 2:12 pitch and eliminate the need for special bracing,” says Wenrick. “This opens the door for using the system on buildings with low live-load roof designs, or where

there is no bracing. The PSW eliminate the need to use temporary bracing to support the 300 Machine assembly.”

New Support Plates on 300 Series Machine assemblies offer the option to cantilever plates where pre-jobsite assembly would be an advantage. Support plates can simplify assembly layout since they are positioned above the purlins with rollers across the entire 10-foot length. “The option permits most of the system assembly to occur on the ground where the work can be done quickly without personal fall-arrest system requirements,” said Wenrick.

Using the patented tapered guide wheels and lock bearing brakes upgrades the 100 Series Machine to the new 120 Machine. The 100 Series now has two Machines – 100 and 120. The patented guide wheels provide excellent machine tracking during facing installation.

“Current 100 Machines can easily be retrofitted to become a 120 Machine,” said Wenrick. “The 120 Machine eliminates the guide rollers of the 100 Machine, making it a perfect system to install facing on Skyweb II applications, and it can also install double ELAMINATOR Insulation layers using the system’s patented folded facing.”

Also featured at the Owens Corning booth is the latest addition to the company’s growing collection of patents, this one for the Perimeter Guardrail System used with 300 Machines. The now-patented guardrail system provides a safe work zone for roofers from eave to ridge, without the need for a personal fall-arrest system.

“The Perimeter Guardrail System has been part of the ELAMINATOR 300 Series system since 1998,” said Wenrick, “We’re proud to finally have official patent recognition for the innovation.”

The Owens Corning ELAMINATOR System includes equipment and processes for installing insulation on the roofs of pre-engineered metal buildings. The patented system enhances builder/erector productivity and meets the thermal performance needs of metal buildings. The 300 Series machines also comply with U.S. Occupational Safety and Health Administration (OSHA) safety guidelines for fall protection on most roofing insulation projects.

Traveling smoothly across the purlins or bar joists, the ELAMINATOR System unrolls facing and permits the installation of ELAMINATOR Insulation across the building structure for single layer applications, or unrolls the patented folded facing which permits double layers of ELAMINATOR Insulation between as well as over the purlin structure. The result is a uniform interior look that is sculpted, clean and bright without any exposed facing seams.

The 300 Series addresses the leading cause of construction fatalities – falls from the roof – which contributed to 150 deaths in 2000, according to the Bureau of Labor Statistics. Falls from scaffolding or elevated staging added another 85 fatalities during the year.

Because the ELAMINATOR 300 Series provides effective leading-edge fall protection, users have found less need to tie-off workers in the roofing process – i.e., use personal fall-arrest

systems – because they are working in an environment protected by a guardrail system and a metal plate which transfers the leading edge to a front guardrail system.

Owens Corning is a world leader in building materials systems and composites systems. The company has annual sales of about \$5 billion and employs approximately 20,000 people worldwide. Additional information is available on the Owens Corning Web site at: <http://www.owenscorning.com>

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