

# INDIAN MILL CORPORATION



## The Problem with Wood

All wood scaffold planking starts to deteriorate the moment it is put into use. Water, dirt, mud, chemicals, and improper storage are all facts of life on the jobsite. The single largest factor shortening the life of premium scaffold planking and destroying your investment is exposure to the elements and the damage caused by water and rot.

Wood is a living product. It will absorb moisture easily, and when a plank's moisture content goes beyond 19% the plank loses one fifth of its strength due just to being wet. Worse, with a high moisture content mold, fungus and bacteria will begin to grow inside the wood eating it away from within and permanently destroying its cellular structure. This damage may not be visible from the outside of the plank.

## Sealing the Wood is Key

Indian Mill RHINO SKIN is an epoxy resin based water-soluble product formulated specifically to protect scaffold planking from the effects of water and normal jobsite chemicals. RHINO SKIN can be rolled, sprayed, or brushed on to scaffold planks and other wood surfaces to protect



*Exposed wood scaffold planking is a considerable investment on any job site.*

the wood from environmental damage. With this product, you can easily double the life of scaffold planking.

Originally formulated to protect our Pin-Lok planking from the effects of rot, we soon found that RHINO SKIN will work on all types of wood normally found on the jobsite.

## Traction

Once a worker's feet leave the ground, his productivity drops to roughly 50% of what it would be on solid ground. If he is unsure of his footing, it will drop even further. You don't have to take our word for this, just take a stopwatch to your jobsite and see for yourself. To achieve maximum productivity on the job, you need to provide your workers with a steady work platform that will give them sure footing.

Various types of grooves cut into the wood do provide more traction but also exposes the wood to potential water and chemical damage.

**RHINO SKIN SCAFFOLD PLANK SEALANT**





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RHINO SKIN with Grip Seal Aggregate is the best solution we have found so far. While allowing positive traction on wet, slightly muddy or slightly iced planking, it seals the plank against the elements, protects the wood from the sun's UV, and greatly lengthens the life of the plank. Add to these factors the increase worker productivity due to positive traction on the scaffold planks, and you can see why we developed RHINO SKIN.

*RHINO SKIN is available in liquid form for do-it-yourself applications with a simple spray applicator. Call for more information.*

*RHINO SKIN dries to a translucent coating, allowing the wood grain to remain visible for easy inspection. When applied to a decorative wood surface, the natural beauty of the wood is preserved.*



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## Problems in Dry Environments

In a dry environment, wood planking can lose too much of its moisture content. Under severely dry conditions, wood can warp or crack as the internal moisture evaporates.

Intermittent dry and wet, as in rain showers followed by dry and sunny, can be even more damaging. As the wood absorbs water, it will swell, and as it dries it will contract. This movement sets up extreme stress in the plank and can cause damage rapidly. RHINO SKIN works to prevent damage in these conditions.

Sealing planks with RHINO SKIN provides a skin-like barrier which dampens the effects of varying temperature and humidity. When sealed with RHINO SKIN, the planks do not absorb moisture when it is wet or humid, and do not lose moisture when the weather turns hot and dry.

*RHINO SKIN Grip Seal is also available with aggregate. When applied onto wood, the aggregate provides a protective, non-slip finish for areas where high traction is needed.*



*Rhino Skin Sealant and Wood Protectant on a Pin-Lok Scaffold Plank for the ultimate in strength and durability.*



*Scaffold Plank Tester*



For more information on our complete line of products contact:



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