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Where's Delbert?



Delbert is off with his passport again in search for the perfect Spring Break. Can you guess which exotic locale he is visiting?

- Country occupies an archipelago of about 322 islands, of which 106 are permanently inhabited, and 522 islets.
- First European to discover the islands was Dutch explorer Abel Tasman in 1643. But the most famous "discoverers" were Captain James Cook and Captain William Bligh. *Guess he needed a break after the mutiny on the*

Ask Delbert

Is Prime Painting Required?

Q: I recently received some hollow metal product that was not primed. I have been told that it does not require prime painting. Is this true?

A: If your metal is a product like HMX's standard A60 Galvaneal, then that is true. Prime paint is required for cold rolled metal to prevent rusting (which can begin with only a small amount of humidity), but it is not necessary for the galvaneal product. This is due to the zinc coating layer on the galvaneal product that acts as a barrier and prevents rusting of the metal.

As a matter of fact, studies have shown that un-primed galvaneal metal with only a finish coat of paint applied to it, clearly outperforms cold rolled metal with both primer and finish paint applied. These test pieces were subjected to both Salt Spray and Fog Exposures and then evaluated for Blistering (ASTM D 714), Film creep and Corrosion (ASTM D 1654), Rust (ASTM D 610) and Film Adhesion (ASTM D 3359). These tests also found that applying primer did not improve the performance of the Galvaneal material and in many cases acted as a detriment as it encouraged moisture entrapment.

Unprimed Galvaneal product has been gaining in popularity in the Southwestern portion of the U.S. and has become a favorite of many finishers who have saved time and material costs as a result of not needing to sand and spot prime, as is required for primed product prior to applying a finish coat of paint. Unprimed Galvaneal product simply needs to be wiped down with mineral spirits to remove foreign substances and contaminants typical on jobsites. Another benefit to unprimed Galvaneal, the iron-zinc layer, by its very nature, provides an excellent mechanical keying action for paint thus offering an excellent base for adhesion.

Now this is not to say that Galvaneal products do not ever require priming. Deep penetrating scratches or damage can remove the zinc layer coating. If this happens, a zinc-rich rust inhibitive primer must be applied to the damaged area.

H.M.S. Bounty!



- Team has competed in 4 Rugby World Cups.
- On the list of "Ten Sexiest Places" this country is listed 5 times! *Do you think Delbert has a girlfriend?*
- Granted independence from United Kingdom in 1970.



Email your answer to Marketing@HMXpress.com. The first 3 correct answers will receive a prize!

The answer and additional trivia will be on the web site in 2 days.

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Unprimed Galvaneal product is not for everyone and in many parts of the country, it is quite unheard of. As a result, HMX does prime paint all of their Galvaneal products. For those where unprimed Galvaneal is accepted, simply notify your Territory Manager at the time you place your order and HMX will be happy to ship your order unprimed.

I hope this answers your question.

P.S. - Has anyone ever seen a cold-rolled metal door prime painted on the inside?

Delbert

Hollow Metal Xpress | 602 S 65th Ave | Phoenix | AZ | 85043