



# Application Specification

# MAGNABOND 3

## Purpose and Scope

Instructions for the surface preparation and application of Dex-O-Tex Magnabond 3 as an interbonding medium between magnesite and a metal deck.

**Thickness**..... 1/8” (3.18 mm)

## Surface Preparation

Metal deck surfaces should be cleaned free of rust, loose scale, and dirt. Grease and oil should be removed with approved solvents and clean rags. The resulting surface should be clean and bright. Dex-O-Tex Magnabond 3 may be applied to a cured Navy Formula 150 Primer, MIL-DTL-24441.

## STEP ONE – Application of Magnabond 3

A. Mix together the following materials:

- Magnabond Paste ..... 1 gal.
- Magnabond Powder ..... 1 bag, (40 lbs.)

Blend the materials together thoroughly by Dex-O-Tex Drill Mixing or mix with hoe in clean mortar box. The above material will cover approximately 60 sq. ft. (5.57 m<sup>2</sup>) in a 1/8” (3.18 mm) thickness. Workability time is about one (1) hour. Apply the Magnabond 3 Mix onto the deck in a trowel application 1/8” (3.18 mm) thick. **Leave no bare spots.**

## STEP TWO – Magnesite Application

A. When the Magnabond 3 application has been allowed to dry overnight, or when it is sufficiently dry to withstand foot traffic, the magnesite composition should be applied. This magnesite composition is troweled on directly to the Magnabond 3, using the normal technique. Any standard usable formulation of magnesite topping or scratch will bond firmly to an under-surface through the use of Magnabond 3. If the magnesite is dry and will not wet the Magnabond 3 surface, a wash of chloride salt and Magnesite should be applied just prior to the application of the Magnesite.



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