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Quality Assurance Investigation
Investigation into a Suitable Coating for UniBoard MgO Panels

UniBoard MgO Panels were sent for evaluation and to find a suitable coating for MgO Panels. Various paints were sampled for their adhesion properties but only two products acceded the adhesion requirements nl. HydroSilk and Dekro Stick-To-Anything Paint.

Sample Preparation

Panels supplied, were cleaned by wiping them with a clean cloth to ensure that they are dust free and free of contaminants. Two coats of paint were applied. The panels were then left to cure for 14 days. The panels were then divided into 2 sets:

1. ASTM D3359- Standard Test Methods for Measuring Adhesion by Tape Test
2. Submerge panels in water for 7 days and repeated 1.

Sample Evaluation

	Sub-merge in H₂O 5 days Adhesion Grading	Standard adhesion
HydroSilk	5A	5A
Stick-to-Anything Paint	5A	5A

Conclusion

Based on our evaluation the following product meets the adhesion requirement to the panel sample supplied: HydroSilk and Stick-to-Anything Paint.

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