



CREST

Centre for Research in Engineering Surface Technology



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03618.2 Final Report

Client:	Smarter Surfaces	Title:	Magnetic Receptive Strength
Attn:	Ronan Clarke		
Report ref:	03618.2	Order No:	
Report by:	Ciara Treacy Research Assistant	Approved by :	Brendan Duffy Centre Manager
Date Recd:	05/04/18	Issue date:	11/04/18 Rev date: 20/06/19

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Surface Coatings, Corrosion Control, Surface Analysis, Failure Investigation, Specification, Type Approval, Inspection, Fundamental and Applied Industrial Research.



One layer of Smart Magnetic Wallcovering



Strength to hold up 5 pieces of
80gsm A4 paper

Surface Coatings, Corrosion Control, Surface Analysis, Failure Investigation, Specification, Type Approval, Inspection,
Fundamental and Applied Industrial Research.

One coat of white primer and 2 coats of Smart Magnetic Plaster



Strength to hold up 8 pieces of
80gsm A4 paper

Surface Coatings, Corrosion Control, Surface Analysis, Failure Investigation, Specification, Type Approval, Inspection,
Fundamental and Applied Industrial Research.

One coat of white primer and 3 coats of Smart Magnetic Paint



Strength to hold up 4 pieces of
80gsm A4 paper

Surface Coatings, Corrosion Control, Surface Analysis, Failure Investigation, Specification, Type Approval, Inspection,
Fundamental and Applied Industrial Research.

One coat of white primer and 9 coats of Smart Magnetic Paint



Strength to hold up 8 pieces of
80gsm A4 paper

Surface Coatings, Corrosion Control, Surface Analysis, Failure Investigation, Specification, Type Approval, Inspection,
Fundamental and Applied Industrial Research.

One layer of Smart 2 in 1 Magnetic Dry Erase Wallcovering



Strength to hold up 3-4 pieces of
80gsm A4 paper

Surface Coatings, Corrosion Control, Surface Analysis, Failure Investigation, Specification, Type Approval, Inspection,
Fundamental and Applied Industrial Research.

One layer of Smart 3 in 1 Magnetic Wallcovering



Strength to hold up 3-4 pieces of
80gsm A4 paper

Surface Coatings, Corrosion Control, Surface Analysis, Failure Investigation, Specification, Type Approval, Inspection,
Fundamental and Applied Industrial Research.

One layer of Smart Magnetically Receptive Digital Print Base



Strength to hold up 3-4 pieces of
80gsm A4 paper

Surface Coatings, Corrosion Control, Surface Analysis, Failure Investigation, Specification, Type Approval, Inspection,
Fundamental and Applied Industrial Research.

One coat of white primer and 4 coats of Super Magnetic Paint



Strength to hold up 6 pieces of
80gsm A4 paper

Surface Coatings, Corrosion Control, Surface Analysis, Failure Investigation, Specification, Type Approval, Inspection,
Fundamental and Applied Industrial Research.