



Royston®

Technical Data Sheet

DESCRIPTION

Royston Handy Cap provides quick, field applied corrosion protection to anode and test wire leads welded onto metal substrates. The Handy Cap is made using a durable plastic sheet that has a dome filled with a moldable, corrosion preventing compound. The sheet is then capped with an adhesive layer for easy and permanent application. Roybond 747 Primer is required in order to provide sufficient adhesion.

The Handy Cap can be applied by hand or using the Royston Key Hole Tool.

RECOMMENDED USE

Sealing the welded connection of an anode or test wire to a metal substrate.

SUBSTRATE COMPATIBILITY

Steel, Stainless Steel, Ductile Iron, other metals, FBE, Epoxy, PE

SURFACE PREPARATION

SSPC SP-3 Power Tool Cleaning or SSPC SP-6/NACE No. 3 Commercial Blast Cleaning

PRIMER

Royston Handy Cap requires a primer to allow for permanent adhesion. A 4 mil WFT of Royston Roybond 747 or Roybond 747 Aerosol should be applied and allowed to dry prior to application of the Handy Cap. When use of a primer is not preferred or allowed, Handy Cap IP should be considered.

1 quart of Roybond 747 can be used for 200 Handy Caps
One 16 oz can of Roybond 747 Aerosol can be used for 30 Handy Caps

SAFETY

Refer to Material Safety Data Sheet: MSDS-Handy Cap

APPLICATION

Refer to Application Guidelines: AG-HANDY-CAP

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Chase Corporation
295 University Avenue
Westwood, MA 02090

Phone: 800-323-4182
Fax: 781-332-0701
www.chasecorp.com

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Typical Technical Data

Property	US Customary	Metric	Test Method
Overall Size	4" x 4"	101 mm x 101 mm	
Plastic Sheet Size	2.75" x 4"	70 mm x 101 mm	
Plastic Dome Height	0.8"	20 mm	
Plastic Dome Diameter	1.65"	42 mm	
Total Thickness	135 mils	3.43 mm	ASTM D1000
Sheet Thickness	10 mils	0.25 mm	ASTM D1000
Adhesive Thickness	125 mils	3.18 mm	ASTM D1000
Adhesion to Primed Steel	10 lb/in	1.75 N/mm	ASTM D1000
Maximum Wire Size	8 AWG	8 mm ²	
Holiday Detection Setting	5000 V	5000 V	
Service Temperature Range	-40° F to +165° F	-40° C to +74° C	

ORDERING INFORMATION

Handy Cap

Pieces Per Case	Case Weight
20	5#