



BCP-2991S Clear protective coating for Copper and Brass

Benefits

- Extend the life of copper and brass by protecting from oxidisation and tarnish
- Guaranteed to not crack
- Guaranteed to not discolour
- Guaranteed not to peel
- Remains flexible
- Enhances the natural beauty and depth of the original finished.
- Good adhesion on all surface finishes.
- Self-annealing and will blend to itself to create complete protection.
- Available in a Standard 90 sheen or a Satin finish.
- Fully revisable or removable
- Provides good levels of protection from bleaches, acids and bird droppings
- Easily and fully maintainable
- Provides long lasting protection



Product description

BCP-2991S Corten Sealer is a crystal clear one-part air cured coating. It is a self-levelling easy to apply product, leaving a seamless surface.

It has excellent chemical, abrasion and impact resistance above rating H4 on the scratch resistance pencil scale using the ASTM method D3363-05.

BCP-2991S contains Anti-oxidants that will prevent tarnish and oxidation

BCP-2991S provides protection from, bleaches, acids, bird droppings and acid rain.

The coating is extremely thin measuring only 7 to 12 microns making it virtually invisible to the naked eye.

The coating will remain flexible enabling it to move with the constant expansion and contraction of the substrate when heating and cooling. It has passed the ASTM method test D2794 for flexibility and impact at 80lbs and passed the ½" mandrel bend test.

BCP-2991S is applied directly in a one-part coating and is usually touch dry within 20 minutes in ambient temperatures.

Dry film thickness is usually 7 to 12 microns

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) and the Application Guide (AG) for this product.

BCP-2991S is only available from BROMOCO International Ltd. UK

Finishes

BCP-2991S Can be supplied standard 90 Sheen or satin finishes.



ASTM Method Test result

TEST	Method	Units	Result	Rating
Impact Resistance	D2794	1/2"	Mandrel bend test	Passed
	Flexibility	Passed	Direct & Reverse	Passed
	Impact	80 lb	No peeling, No lifting	Passed
Film Pencil test	D3363-05	Gouge	3H	Excellent
		Cut	4H	Excellent
Salt Fog Test	B117	1000 hrs		Passed
Humidity Resistance	D1794	1000 hrs @ 38°C		Rated 10
Weather Exposure	D552	100 hrs cyclic	No checking	Passed
		at 120 min light	No crazing	Passed
		18 min diminished	No adhesion loss	Passed
Real Time	External	Corten Steel Structures UK		
			6 Year exposure	Passed
			Fading	No effect
			Chalking	No effect
			Peeling	No effect
			Water damage	No effect
Chemical Resistance	D1308	Procedure 5.2	15 minute spot test	
			with 10% muriatic	Passed
			Discolouration	No effect
			Blistering	No effect
		Acid with 10%	sodium Hydroxide	Passed
		24 hour immersion		Passed
			2% soap solution	Passed
			3 types	Passed
		24 hour recovery	period	
			Adhesion	No effect
			Finish	No effect



Application Methods

The product can be applied by Brush, Lint free cloth, HVLP Spray with standard jet, High density foam roller / block or dipped.

Roller: To avoid air bubbles, it is very important to soak the roller then squeeze out excess then roll on a cardboard sheet to test.

Conditions during application: The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured near the substrate. Good ventilation is usually required in confined areas to ensure proper drying. There should be no moisture content on the surface. The coating should not be exposed to oil, chemicals or mechanical stress until fully cured. This product should not be applied on to the surfaces that contain soft plastics (Lettering or signage).

To secure lasting adhesion to the subsequent product all surfaces should be brushed down to remove all large loose particles prior to application

Quantity	Volume	Coverage
1	Litres	35 m2
5	Litres	175 m2
20	Litres	700 m2
40	Litres	1400 m2

The information in this document is given to the best of BROMOCO Internationals knowledge, based on laboratory testing and practical experience. BROMOCO Internationals products are considered as semi-finished goods and as such, products are often used under conditions beyond BROMOCO Internationals control. BROMOCO International cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice. Users should always consult the BROMOCO Internationals technical department for specific guidance on the general suitability of this product for their needs and specific application practices. If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.