

пучших





CE		Substrates & Surface Protection		
	(In the second s	Surface Prep		e dry and free of foreign matter. be used to NACE 1-3 (SSPC plicable.
Product Name	Bronya Classic NF	Ferrous Surfaces	Classic NF. Sinc	d prior to application of Bronya e the coating is waterbased, it is e a boundary layer of protection usting.
Description	Bronya Classic NF is a composite ceramic & silica-based insulating coating that provides an insulating barrier, protects personnel and blocks corrosion all in one application. The coating is specifically designed to be a multiple purpose	Non-ferrous Surfaces	The coating can nonferrous surface	be applied directly to ces. Surface should be clean il, dirt or other foreign matter.
	coating solving painting and insulating issues.	Application Equipment		
Features	 Excellent thermal insulation at low thickness 	Listed below are the general equipment guidelines for the application of this product.		
	Excellent personnel protection	Airless Sprayer	•	33:1 or larger
	 Prevents Corrosion Under Insulation (CUI) Provides anti-condensation protection 		Volume:	1.5 gpm (5.7 lpm) or greater
	 Provides anti-condensation protection Provides inspection ability w/o removal Fast cure times 		Hose:	3/8" or larger with no more
	Low VOC ProductHighest volume solids insulation coating on			than 3' of 1/4" whip. 1/2" hose recommended for length above 50'.
	the market • Easy application to irregular surfaces		Tip Size:	0.017" (for tight spots) 0.019—0.023" (Normal use)
Base	Water-based Acrylic Insulation Coating		Pressure:	Minimum of 3000 PSI
Gloss	Flat	Small Spray Application	Please consult NPO Bronya Ltd. for the Small Application Gun. This gun is excellent for small applications and touch-ups.	
Priming	Self priming over non-ferrous materials (stainless steel & aluminum). Primer required for carbon steel substrates.			
Topcoats	Please consult NPO Bronya Ltd.	Brush	Can use	
Wet Weight	5.2–5.3 lbs/gallon	Rolling	Not recommended for this coating	
(0.63 kg/liter)		Application Conditions		
Weight dry flm to area	0.035 lbs/ft ² at 20 mils dft (0.170 kg/m ² at 0.50 mm dft)	Surface	Surface temperatures for applications should be	
Practical Volume 78–80% Solids Content		Temperatures	greater than 60°F (15°C) or above. Lower surfa temperatures will increase dry times.	
Average Coat Thickness	20—22 mils WFT at 70°—130°F (0.5 mm WFT at 21°—54°C	Applications	Ambient & Cold $(60^{\circ}-139^{\circ}F, 15^{\circ}-59^{\circ}C)$: For temperatures (surface or ambient — whichever is lower), an initial tack coat is recommended of 10 mils (0.25 mm or 250 microns). This tack coat will help eliminate sag on vertical wall applications. Tack coat should be dry to touch prior to next pass. Typical coat thickness should not exceed 20–22 mils (0.5–0.55mm) wet. Coating can be reapplied after each coat is thoroughly dry. Hot (>140^{\circ}F, >60^{\circ}C): Please consult NPO Bronya Ltd.	
Practical Dry Coat Coverage	50—55 ft²/gal @ 20 mils (1.3 m²/liter @ 0.5 mm)			
VOC Content	0.06 lbs/gal (7.6 grams/liter)			
Limitations	Applications should not exceed 375°F (190°C).			
Storage	Do not subject wet coating in pail form to freezing conditions. Coating should be kept in a warehouse between 60°F and 90°F	Application Thickness	Product can be a	pplied in successive coats to on ability. There are no upper
		Dryfall	Dryfall within a 3	ft rodiuo

WWW.NAN034.RU



Coating Specifcations

Appearance composition	Suspension white	#.4.2. TC
Surface appearance	semi-plain matte film white	#.4.3. TC
Mass fraction of nonvolatile substances in the composition, not less than	at least 50 %	#. 4.4. TC
Ratio heat transfer, W/m2· °C	1,4±0,7	#. 4.5. TC
Ratio thermal conductivity, W/m·°C	0,001±0,0002	#. 4.6. TC
The time to reach incombustibility when complete polymerization of the composition	7 days (168 h)	
Resistance to static action water at 20°C for	24 h	GOST 9.403-80 method A
The adhesion of the coating	at least 1	GOST 28574-2014
Linear elongation, %	at least 1	GOST 18299-72
Resistance variable temperature	More than 80	GOST 9.401-91 method 12
Ratio vapor permeability, Mg/m h PA: - Bronya Classic	0,001	GOST 25898-2012
Combustibility group	HΓ (NF)	GOST 30244
Group smoke-forming ability	КМО	GOST 30402
Group Flammability	Д2	GOST 12.01.044
Group toxicity combustion products	T2	GOST 12.01.044
Drying time for degree 3	5 hours	GOST 19007-73
Coverage dried film	186	GOST 8784-75
Film strength at impact	30	GOST 4765-73
UV resistance change in percent after 48 hours of irradiation	0,5 %	GOST 21903-76 method 2
Solar reflection	83%	ASTM E 903:01
The normal ratio radiation corrected	0,91	EN 673:1997
The ratio of OSL (SRI) for conditions with weak wind	103,56	ASTM E 1980:01
The ratio of OSL (SRI) for conditions with moderate wind	103,30	ASTM E 1980:01
The ratio of OSL (SRI) for conditions when the wind is strong	103,01	ASTM E 1980:01



	Cleanup & Safety			
Cleanup	Equipment may be cleaned with soap & water			
Safety	Half-face respirator recommended with ammonia cartridge or better. Eye protection recommended.			
Ventilation	Recommended for constricted areas.			
Caution	This material is not for human consumption			
Clothing	Safety clothing & gloves are recommended			
Mixing & Thinning				
	Only a mud mixing paddle should be used. Use 1/2" drill motor to stir contents with paddle. Make sure drill is set to reverse to ensure that the paddle will not mar the bucket's inner wall. Please consult NPO Bronya Ltd. for paddle, if needed.			
	Thinning is normally not needed. Please consult NPO Bronya Ltd. for specifc instructions if thinning is desired.			
	Coating is one part, so no catalyzation is needed. Pail can be reused if properly sealed.			
Container 2	20 liters			
Package, Handling & Storage				
Container We (with pail/lid)	t 12.47–12.7 kg per 20 liters			
Net Contents	11.7 kg per 20 liters			
Flash Point (Setaflash)	None			
Storage	Do not subject wet coating in pail form to freezing conditions. Coating should be kept in a warehouse between 60°F and 90°F.			
Shelf Life	12 months shelf life from manufacture date.			
Caution	Do not let product freeze.			

The data within is true to the best of our knowledge on the date of publication and is subject to change without prior notice. We guarantee our products to conform to Bronya quality control. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. All logos are property of their respective owners

