

TECHNICAL DATA SHEET

DESCRIPTION:

WHISKEY BRAVO is the perfect choice for superior protection against tough elements. This two component waterborne polyurethane coating system not only offers a great aesthetic, but also provides chemical and physical resistance needed to keep your project looking pristine throughout its life cycle!

PRIMARY APPLICATIONS:

- Grocery and department stores
- Hospitals and healthcare facilities
- Museums, banks and institutional structure
- Offices and government buildings
- Schools, colleges and universities
- Commercial and general service industrial environments

ADVANTAGES:

- VOC level : 31 g/L Fast dry speed
- Early water resistance Long pot life
- Excellent adhesive properties, allowing application on other firm and hard coating, as well as a good bond to the substrate
- Superior chemical resistance
- Superior U.V. resistance
- Outstanding appearance

SURFACE PREPARATION:

To ensure a flawless finish, all surfaces must be thoroughly prepared. Use sanding or other approved methods to rid the surface of any dust, grease, oil and dirt residue. Standing water should also not remain but if primer is applied this doesn't need to be completely dry; however some porous surfaces may require multiple rounds of priming for an ideal result.

MIXING:

In order to ensure a successful and high-quality mixture, materials should be prepped prior to use by conditioning them at a minimum of 50°F (10°C). Thoroughly mix each component separately for two minutes using paddle mixers in conjunction with the drill. Then combine components A and B according to their proper mixing ratio -- 4:1 parts of A per part of B. Finally, add water from the metal can labeled "part B" into this concoction before blending all ingredients together for three more minutes on low speed (300 - 450 rpm) while periodically scraping down both container walls and bottom throughout that time span. To obtain optimal results, only prepare amounts you are confident will be applied within its pot life duration!

APPLICATION:

Apply mixed product on the prepared surface tightly (thin film) using a rubber rake and pass a roller to obtain a uniform coating. Avoid creating puddles.

CLEANING:

Clean all tools and materials with soapy water followed by a solvent rise. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

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RESTRICTIONS:

- Minimum/Maximum temperature of substrate: 50°F / 86°F (10°C / 30°C)
- Maximum relative humidity during application and curing: 80%
- Substrate temperature must be 5.5°F (3°C) above dew point measured
- Humidity content of substrate must be < 4% when coating is applied
- Do not apply on porous surfaces where a transfer of humidity may occur during application
- Avoid exterior use on substrates at ground level
- Protect from humidity, condensation and contact with water during the 24 hour initial curing period
- Surface may discolor in areas exposed to regular ultraviolet light

TECHNICAL DATA

	PART A	PART B	MIX
COLOR	Upon request	Amber	Upon request
RECOMMENDED THICKNESS	WHISKEY BRAVO : 4-6 mils (400 – 600 ft ² /gal)		
SHELF LIFE	12 months in original unopened factory sealed containers. Keep away from extreme cold, heat, or moisture. Keep out of direct sunlight and away from fire hazards.		
MIX RATIO, BY VOLUME	A : B = 4 : 1 : 1 (water)		
MIX RATIO, BY WEIGHT	A : B = 100 : 25.7		
POT LIFE 16 OZ (454 G)	1-3 hours @ 77°F (25°C)		

PROPERTIES

@ 73°F (23°C) AND 50% R.H.

	PART A	PART B	MIX
SOLIDS CONTENT, BY VOLUME	60 - 70%	60 - 70%	60 - 70%
SOLIDS CONTENT, BY WEIGHT	60 - 70%	60 - 70%	60 - 70%
DENSITY (KG/L)	1.04	1.07	-
THINNER RECOMMENDED	Water		
RECOAT WINDOW	4 - 6 hours		
PEDESTRIAN TRAFFIC	12 - 24 hours		
NORMAL TRAFFIC	24 - 48 hours		
HEAVY EQUIPMENT TRAFFIC	>72 hours		
ABRASION RESISTANCE, ASTM D4060 TABER ABRASER CS-17 WHEEL / 1000 G / 1000 CYCLES	0.3 g loss		
WATER ABSORPTION, ASTM D570	15 %		
HARDNESS (SHORE D), ASTM D2240	70 - 75		
VISCOSITY @ 77°F (25°C) (ZAHN CUP #4 , SECONDS)	18 - 22		
BOND STRENGTH, ASTM D4541	>300 (substrate ruptures)		
IMPACT RESISTANCE: DIRECT / REVERSE (LBS), ASTM D-2794	16 / 22		

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PROPERTIES

@ 50°F (10°C) AND 50% R.H.

FLASH POINT	>230°F (110°C), PMCC, mixed
CLEAN UP	Water
REDUCER	R8K10, up to 10% as needed

IMPORTANT NOTES

- The indicated mileage is calculated for flat surfaces. A porous or imperfect surface will require more material in order to cover the same mileage.
- The indicated viscosity is for clear product only. Any addition of colorant may affect the viscosity.

HEALTH & SAFETY:

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. For more information, consult the material safety data sheet. Components A and B contain toxic ingredients. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact. Contact with may cause serious burns. Avoid breathing vapors release from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Predict suitable ventilation.

Consult the material safety data sheet for further information.

NOTICE:

All statements, recommendations and technical information contained in this document are accurate to the best knowledge of Ballis- tiX. The data relates only to the specific material designated herein. It may not be valid if used in combination with any other mate- rials. It is the users' responsibility to verify suitability of this information for their own particular use, and to test this product before use. BallistiX assumes no legal responsibility for use upon these data. BallistiX assumes no legal responsibility for any direct, indirect, consequential, economic, or any other damage.