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HYDROBLOC

IMPORTANT NOTICE

HydroBloc is a key component in multiple Elastomeric waterproofing solutions offered by Classic Coatings Systems. Before use, we recommend visiting our website at www.classiccoatingsystems.com for detailed application instructions and specifications related to the specific system you're installing. You may also contact our technical support team.

DESCRIPTION & INTENDED USE

HydroBloc is a high-performance, Membrane water-based acrylic coating formulated to create a flexible, waterproof membrane with outstanding adhesion to a wide range of construction surfaces. It is specially engineered for use in below-grade applications and as a waterproof base layer in system assemblies.

SURFACE PREPARATION

All surfaces must be structurally intact and clean. Remove contaminants such as dirt, oil, grease, dust, curing compounds, sealers, or anything else that could affect bonding. In some cases, mechanical preparation like shot blasting or pressure washing at a minimum of 3500 psi may be necessary to ensure good adhesion.

For block walls, ensure all mortar joints are filled flush. On cast-in-place concrete, only water-based form releases should be used. If an oil-based form release was previously applied, it must be thoroughly cleaned using Trisodium Phosphate (TSP) and rinsed off with high-pressure water before applying HydroBloc.

APPLICATION

Apply a single heavy spray coat or two full coats using a $\frac{3}{4}$ " nap roller at 20-30 mils to the surface that has been properly prepared and primed. When rolling, ensure the roller is fully loaded with material to achieve a uniform, saturated application. For airless spray application, employ a sprayer with a tip size ranging from .025" to .027" to optimize atomization and coverage. To calibrate spray coverage, designate a 200 square foot test area and apply one complete 5-gallon container evenly across this zone.

Adhere strictly to specified coverage rates, particularly on vertical substrates such as retaining walls, to ensure proper film build and performance. For drainage management, incorporate LastoDrain or an equivalent drainage mat beneath the coating system.

For use only in below-grade waterproofing and underlayment conditions.

LIMITATIONS

- Do not apply if ambient or surface temperatures are below 40°F and falling or above 90°F and rising.
- Do not apply if rain is expected before the product has fully cured.
- Not suitable for surfaces with active negative-side water pressure or high vapor transmission.

COVERAGE

Approximately 40–42 sq. ft. of coverage per gallon when applied as a single heavy spray coat or rolled on in two coats at 20–30 mils total thickness. Actual coverage may vary depending on surface texture and porosity.

PACKAGING & STORAGE

Available in: Colors Sharkskin Gray & Black

- 1-gallon
- 5-gallon pail
- 55-gallon drums
- 275-gallon totes

Store in a dry location between 40°F and 90°F. Keep sealed when not in use. Shelf life is 16-20 months under proper storage conditions.

SAFETY INFORMATION

Keep away from children. Avoid direct contact with skin and eyes. Do not ingest. In case of exposure, flush affected area with water. Seek medical attention if irritation or adverse effects persist.

LIMITED LIABILITY

Classic Coatings Systems is not liable for damages—either direct or incidental—resulting from use or misuse of this product. This includes, but is not limited to, job site conditions, improper application, or failure to follow recommended guidelines.

EXCLUSIVE REMEDY

If the product is proven defective, Classic Coatings Systems will replace it at no charge. No other compensation, remedy, or liability is offered.

DISCLAIMER OF WARRANTIES

This product is sold without any express or implied warranties beyond those specifically outlined. No warranty is provided for merchantability or fitness for a particular purpose. The user is solely responsible for ensuring the product is suitable for their intended use and application.

WARRANTY

Classic Coatings Systems certifies that HydroBloc is manufactured to meet consistent quality and performance standards.

FOR PROFESSIONAL USE ONLY

HydroBloc should only be installed by licensed professionals. Classic Coatings Systems does not act as a contractor and assumes no responsibility for issues arising from improper installation, inadequate surface prep, or unsuitable construction details.

When is the film “cured enough” so freezing won’t cause problems?

- **Cure means the acrylic particles have fully coalesced and the water and volatile components have evaporated**, resulting in a continuous, flexible, and durable film.
- Full cure happens in 48 to 72 hours at **room temperature (~70°F / 21°C)**.
- At cooler temperatures (50°F / 10°C or below), cure time can extend to 72 hours or more.

General guidance:

Stage	Description	Freeze Risk
Dry to Touch	Surface feels dry, but film is soft	High — film can still be damaged
Dry to Handle	Film has moderate hardness	Medium — some freeze damage possible
Fully Cured	Film is hard, flexible, and bonded completely	Low — freezing unlikely to harm film

Avoid freezing temperatures during the first 48-72 hours (or longer in cold climates).

- Once the coating is fully cured (typically after 48 hours at room temp.
- If freezing occurs **before full cure**, it can cause brittleness, cracking, or adhesion failure.

Tips to ensure safe curing before freeze:

- **Apply when temps are above 50°F (10°C) and rising.**
- Protect coated surfaces from cold drafts or precipitation.
- If freezing is expected soon, delay application until warmer weather.

KEEP OUT OF REACH OF CHILDREN

⚠ FIRST AID MEASURES:

- **Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. Obtain medical advice if there are persistent symptoms.
- **Skin Contact:** Wash immediately with plenty of water and soap. Remove contaminated clothing and shoes without delay. Obtain medical attention. Do not reuse contaminated clothing without laundering. Destroy or thoroughly clean shoes before reuse.
- **Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes. Obtain medical attention immediately.
- **Ingestion:** If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

CALIFORNIA PROP 65 WARNING: The state of California is required by Proposition 65 to warn that one or more of the components contained in the product contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. The state of California requires this warning in the absence of definitive testing to

prove that the defined risks o does not exist. We believe this product complies with all other applicable state and federal laws and regulations governing manufacturing, distribution, and intended use. User is solely responsible for the legal disposal of this container and/or its contents.

GHS SAFETY CLASSIFICATION

⚠ Warning

• **Eye Irritation** – Category 2 - **Skin Irritation** – Category 2 - **Carcinogen** – Category 1A

Precautions:

- Read all labels before use, Wear suitable PPE (gloves, goggles, long sleeves)
- Do not eat, drink, or smoke while handling
- Wash thoroughly after use • Store securely and dispose of materials responsibly

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WARRANTY

Classic Coatings Systems certifies that is manufactured to meet consistent quality and performance standards.

FOR PROFESSIONAL USE ONLY

Should only be installed by licensed professionals. Classic Coatings Systems does not act as a contractor and assumes no responsibility for issues arising from improper installation, inadequate surface prep, or unsuitable construction details.

Avoid freezing temperatures during the first 48-72 hours (or longer in cold climates).

LIMITED WARRANTY:

For one year from the date of purchase, CLASSIC COATINGS SYSTEMS warrants to the original consumer purchaser, (1) that the product meets CLASSIC COATINGS SYSTEMS manufacturing specifications, and (2) the performance of this product when applied according to the label instructions and specifications. If this product is found not to perform as specified on the label within one year from the date of purchase, CLASSIC COATINGS SYSTEMS will, at its option and upon presentation of proof-of-purchase (the original receipt), either furnish an equivalent amount of new product or refund the original purchase price of this product to you. **This warranty excludes**

1. Labor and costs of labor for the application and removal of any product, and

2. Any incidental or consequential damages, whether based on breach of express or implied warranty, negligence, strict liability or any other legal theory. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. **To the extent permitted by applicable law, any implied warranties including the implied warranties of merchantability and of fitness for a particular purpose, are limited to the duration of this express warranty.** Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state. **Note to residents of the**

State of New Jersey: The provisions of this warranty, including its limitations, are intended to fully apply permitted by the laws of the State of New Jersey. **To obtain warranty service, call 951-279-2600.** CLASSIC COATINGS SYSTEMS reserves the right to inspect any and all application of the product prior to processing your claim made under this warranty.

PRODUCT AVAILABILITY & TECHNICAL ASSISTANCE

Classic Coatings Systems

255 Citation Cir, Corona CA

Office: (951)279-2600

R7-22-25 www.classiccoatingsystems.com

It is **HIGHLY** recommended that onsite samples and mock-ups be made by the application

AVISO IMPORTANTE: HydroBloc es un componente clave en múltiples soluciones impermeabilizantes elastoméricas ofrecidas por Classic Coatings Systems. Antes de usarlo, recomendamos visitar nuestro sitio web en www.classiccoatingsystems.com para obtener instrucciones detalladas de aplicación y especificaciones relacionadas con el sistema específico que esté instalando. También puede comunicarse con nuestro equipo de soporte técnico.

DESCRIPCIÓN Y USO PREVISTO: HydroBloc es un recubrimiento acrílico base agua de alto rendimiento, formulado para crear una membrana flexible e impermeable con excelente adhesión a una amplia gama de superficies de construcción. Está diseñado especialmente para aplicaciones bajo nivel de suelo y como capa base impermeabilizante en sistemas de ensamblaje.

PREPARACIÓN DE SUPERFICIE: Todas las superficies deben estar estructuralmente íntegras y limpias. Elimine contaminantes como suciedad, aceite, grasa, polvo, compuestos de curado, selladores o cualquier otra sustancia que pueda afectar la adhesión. En algunos casos, puede ser necesaria la preparación mecánica como granallado o lavado a presión a un mínimo de 3500 psi para garantizar una buena adherencia.

En muros de bloques, asegúrese de que todas las juntas de mortero estén completamente rellenas. En concreto vaciado en sitio, solo se deben usar desmoldantes a base de agua. Si se usó previamente un desmoldante a base de aceite, debe limpiarse a fondo con **fosfato trisódico (TSP)** y enjuagarse con agua a alta presión antes de aplicar HydroBloc.

APLICACIÓN

Aplique una sola capa con rociado pesado o dos capas completas con rodillo de felpa de ¾" a 20–30 mils sobre la superficie adecuadamente preparada e imprimada. Al aplicar con rodillo, asegúrese de cargarlo completamente para lograr una aplicación uniforme y saturada.

Para aplicación con pulverizador airless, utilice una boquilla de tamaño entre **.025" y .027"** para optimizar atomización y cobertura. Para calibrar la cobertura, marque un área de prueba de 200 pies² y aplique uniformemente un recipiente completo de 5 galones.

Respete estrictamente las tasas de cobertura especificadas, especialmente en sustratos verticales como muros de contención, para garantizar un espesor de película adecuado y un rendimiento óptimo. Para manejo de drenaje, incorpore **LastoDrain** o una manta de drenaje equivalente debajo del sistema de recubrimiento.

Uso exclusivo en condiciones bajo nivel de suelo y capas base impermeabilizantes.

LIMITACIONES

- No aplicar si la temperatura ambiente o de la superficie está por debajo de 40°F (4°C) y descendiendo, o por encima de 90°F (32°C) y subiendo.
- No aplicar si se espera lluvia antes de que el producto haya curado completamente.
- No es adecuado para superficies con presión de agua activa por el lado negativo o con alta transmisión de vapor.

RENDIMIENTO

Aproximadamente **40–42 pies² por galón** cuando se aplica en una sola capa con rociado pesado o en dos capas con rodillo, con un espesor total de 20–30 mils. La cobertura real puede variar según la textura y porosidad de la superficie.

PRESENTACIÓN Y ALMACENAMIENTO

Disponible en Colores Sharkskin Gray y Black:

- 1 galón
- Cubeta de 5 galones
- Tambor de 55 galones
- Tote de 275 galones

Almacenar en un lugar seco entre 40°F y 90°F (4°C–32°C). Mantener cerrado cuando no esté en uso. Vida útil de **16–20 meses** en condiciones de almacenamiento adecuadas.

INFORMACIÓN DE SEGURIDAD

Mantener fuera del alcance de los niños. Evite el contacto directo con piel y ojos. No ingerir. En caso de exposición, enjuague con agua la zona afectada. Busque atención médica si la irritación o los efectos adversos persisten.

GARANTÍA Y RESPONSABILIDAD

Responsabilidad Limitada

Classic Coatings Systems no se hace responsable de daños —directos o indirectos— resultantes del uso o mal uso de este producto. Esto incluye, pero no se limita, a condiciones de obra, aplicación inadecuada o incumplimiento de las recomendaciones.

Remedio Exclusivo

Si se comprueba que el producto es defectuoso, Classic Coatings Systems lo reemplazará sin cargo. No se ofrece ninguna otra compensación, remedio o responsabilidad.

Exención de Garantías

Este producto se vende sin garantías expresas o implícitas más allá de las específicamente señaladas. No se otorga garantía de comerciabilidad ni de idoneidad para un uso particular. El usuario es el único responsable de asegurar que el producto es adecuado para su aplicación prevista.

Garantía

Classic Coatings Systems certifica que HydroBloc se fabrica para cumplir con estándares consistentes de calidad y desempeño.

Solo para uso profesional

HydroBloc debe ser instalado únicamente por profesionales con licencia. Classic Coatings Systems no actúa como contratista y no asume responsabilidad por problemas derivados de instalación incorrecta, preparación de superficie inadecuada o detalles constructivos inapropiados.

INFORMACIÓN SOBRE EL CURADO Y CONGELACIÓN

- El curado significa que las partículas acrílicas se han coalescido y el agua y componentes volátiles han evaporado, resultando en una película continua, flexible y durable.
- El curado completo ocurre en **48 a 72 horas a temperatura ambiente (~21°C / 70°F)**.
- A temperaturas frías (10°C / 50°F o menos), el tiempo de curado puede extenderse a más de 72 horas.

Guía general:

Etapas	Descripción	Riesgo de congelación
Seco al tacto	Superficie seca, película blanda	Alto – puede dañarse
Seco al manejo	Película con dureza moderada	Medio – daño posible
Totalmente curado	Película dura, flexible y adherida	Bajo – poco riesgo

Evite temperaturas de congelación durante las primeras 48–72 horas (o más en climas fríos).

PRIMEROS AUXILIOS

- **Inhalación:** Trasladar al aire fresco. Si la respiración es difícil, administrar oxígeno. Buscar atención médica si los síntomas persisten.
- **Contacto con la piel:** Lavar inmediatamente con abundante agua y jabón. Retirar ropa y calzado contaminados de inmediato. No reutilizar ropa sin lavar. Destruir o limpiar a fondo el calzado antes de reutilizarlo.
- **Contacto con los ojos:** Enjuagar de inmediato con abundante agua por al menos 15 minutos. Buscar atención médica inmediata.
- **Ingestión:** Si se ingiere, llamar a un médico inmediatamente. Inducir el vómito solo bajo indicación médica. Nunca dar nada por la boca a una persona inconsciente.

⚠ Advertencia Prop 65 de California: Este producto contiene químicos reconocidos por el Estado de California como causantes de cáncer, defectos de nacimiento u otros daños reproductivos.

CLASIFICACIÓN DE SEGURIDAD GHS

⚠ Advertencia

- Irritación ocular – Categoría 2
- Irritación cutánea – Categoría 2
- Carcinógeno – Categoría 1A

Precauciones:

- Lea todas las etiquetas antes de usar.
- Use EPP adecuado (guantes, gafas, ropa de manga larga).
- No comer, beber o fumar durante la manipulación.
- Lavar bien después de usar.
- Almacenar de manera segura y desechar los materiales de forma responsable.

GARANTÍA LIMITADA

Por un año desde la fecha de compra, Classic Coatings Systems garantiza al comprador original que:

1. El producto cumple con las especificaciones de fabricación de CCS.
2. El producto tendrá el desempeño indicado si se aplica de acuerdo con las instrucciones y especificaciones de la etiqueta.

Si dentro del año el producto no cumple con lo especificado, CCS podrá, a su elección, entregar un producto nuevo equivalente o reembolsar el precio original, siempre que se presente el comprobante de compra.

Exclusiones:

- Mano de obra y costos de aplicación o remoción del producto.
- Daños incidentales o consecuenciales.

Esta garantía le otorga derechos legales específicos que pueden variar según el estado o país.