

HY-TEX

Surface coating to protect concrete against the elements and to standardize architectural surfaces

HY-TEX is a surface coating 100% acrylic based to protect and waterproof concrete surfaces. HY-TEX is specially formulated to increase the resistance of structures to the weather and to standardize the surfaces of architectural structures of mature concrete.

USE

Used to waterproof and protect concrete, block, brick or precast concrete.

Typical Uses:

- Bridges, viaducts and other structures of the road system
- Institutional buildings such as schools and hospitals
- External surfaces of silos, ponds and water tanks
- Parking structures

FEATURES AND BENEFITS

- Excellent freeze-thaw resistance
- Excellent weather resistance
- Good resistance to saline solutions

SURFACE PREPARATION

This step is very important. The life of the product will be considerably extended if the following recommendations are followed :

- The concrete surface must be sound and any existing coating must be removed. Better results are obtained on a dry surface.
- Remove all debris from the workplace
- Remove all oils, greases, dirt and wax solutions from the surfaces
- Use sandblasting to remove any traces of substances that could prevent a good adhesion.

PRIMER

HY-TEX does not require any primer.

MIXING

Mix vigorously before using. The product must be used within 12 months of production and stored according to our recommendations

PRODUCT APPLICATION

HY-TEX – GICLEE APPLICATION

Provide a pump similar to the Graco President 10: 1 pump equipped with a Graco rifle 204-000. The application of HY-TEX must give a free surface of little holes. The thickness must be uniform and continuous over the entire surface.

Edges of freshly applied product should always be maintained to avoid the demarcation of successive layers. Avoid start and stop in the middle of a wall. Always continue the application to a natural demarcation such as a wall end, a joint or a corner.

Physical Properties of Material @ 25 ° C (77 ° F)

PHYSICAL TESTS		CURING	
Federal Specification TT-C555B Type I and II	Compliant	Dry to the touch	1 hours @ 20 mils
Rain tests with wind ASTM C331 at 161 km / h	Compliant		2 hours @ 60 mils
Vapor permeability ASTM E96	> 0,27 perms métri. (15,5 ng/Pa-s-m)	Final curing	1 day
Mandrel ASTM D522 Folding Test	25 mm		
Accelerated wear to climatic conditions ASTM G53	2000 hours		
Freeze-thaw tests C67-98	Compliant		
Propagation of flames ASTM E84 NFPA Building code	Class A (Class 1)		
Watering saline solutions ASTM B117-64; Standard Method	3000 hours		
Abrasion ASTM D968	0 % erosion at 600 L		

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PRODUCT APPLICATION (CONTINUED)

For large areas, it is recommended that two individuals apply simultaneously to avoid demarcations. To obtain good results contact your **SOLHYDROC** representative. Apply at a rate average of 1 m² / liter depending on the porosity of the substrate, the roughness of the surface, and the desired final texture.

A minimum wet film thickness (WFT) of 35 to 40 mils average is recommended.

HY-TEX - ROLLER APPLICATION

A standard short, medium or long hair roller can be used for standard applications, depending on the final texture that is desired

The rate of application will vary according to the surface to be treated and according to the method application used. Normally **HY-TEX** should be applied in two successive layers of 0.6 l/m² each, or in an application comprising two layers perpendicular to a total of 1.2 to 2.0 l/m². Two layers totaling an application rate of 1.2 l/m² will give a film thickness wet (WFT) 47 mils (1194 microns).

CURING

HY-TEX is a self-curing product

COVERAGE

HY-TEX is packaged in containers of 18.9 liters and 208 liters. The yield is about 0.75 to 2 liters of material per square meter.

PRECAUTIONS AND RESTRICTIONS

The application of the coating will be carried out under the following ideal conditions:

- Rain is not anticipated and surfaces are not frozen.
- The product must be protected from frost.
- The temperature of the air, substrate during application should be between 6 ° C and 37 ° C
- Incompatible contaminants such as release agents, oils form, ripening membranes and other materials should be removed before laying the coating
- The material is recommended for use above ground level, do not use for work below ground level.
- Joint sealants must have matured a minimum of 10 days before laying of the **HY-TEX** coating
- Retention walls, flower ponds and plants should be waterproofed on the negative side using a designed asphaltic material for underground work before backfilling.

CONDITIONING

HY-TEX

Drum of 208 litres

Pail of 18,9 litres

RECOMMENDED TOOLS

The following tools will ensure an efficient and economical installation :

- Spray equipment similar to Graco President pump 10: 1
- Short, medium or long hair roller

CLEANING

Use hot water and soap to clean all tools and equipment..

STORAGE

Stored on pallets in a dry, temperate place. Avoid freezing

SECURITY

See MSDS information

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