

PRECAST  
CONCRETE  
INDUSTRY

# SOLUTIONS DESIGNED FOR THE PRECAST CONCRETE INDUSTRY.





# W. R. MEADOWS: PRODUCTS GEARED TO THE PRECAST CONCRETE INDUSTRY

Because precast concrete needs vary greatly depending on the job at hand, W. R. MEADOWS manufactures dozens of high quality products designed for the most demanding applications. These products include form release agents, concrete curing compounds, concrete patching and repair mortars, and more.

Products are available from distributors located nation-

wide to serve your local needs. Trust W. R. MEADOWS as your single source to make sure the concrete products you provide are durable, sustainable, and high quality.

Full details, including packaging options, installation procedures, and features/benefits, are available on the individual product data sheets available at [www.wrmeadows.com](http://www.wrmeadows.com).

Also available are samples, promotional literature, and more.

## IDEAL APPLICATIONS:

- Retaining Walls
- Sanitary Water Tanks
- Storm Water Tanks
- Piping
- Utility Structures
- Vaults
- Building and Site Amenities
- Box Culverts
- Concrete Barriers





# FORM RELEASE AGENTS

W. R. MEADOWS provides several different types of form release compounds, including solvent-based and water-based. These products can be applied on forms for pre-stressed and precast concrete to produce a better and cleaner cast. The products will not stain or discolor concrete and are VOC-compliant.



## DUOGARD® VOC-COMPLIANT FORM RELEASE AGENT

DUOGARD multi-reactive form release is composed of an organic chemical that reacts with the alkali content of concrete to form a release film that effectively inhibits the bonding of the concrete to the form. In addition, the product also contains a high molecular weight, non-reactive, chemically inert ingredient to assist in clean, quick form release and removal. These exclusive ingredients combine the effectiveness of a chemically reactive type and an inert barrier type to provide a doubly effective separation ... DUO ... and the ultimate in form release.



## DUOGARD II WATER-BASED FORM RELEASE AGENT

DUOGARD II form release agent is composed of organic chemicals emulsified in water that react with the alkali content of concrete to form a release film that effectively prevents the bonding of the concrete to the form. In addition, the product also contains a high molecular weight, non-reactive, chemically inert ingredient to assist in clean, quick form release and removal. This exclusive combination of physical and chemical reactive components provides a doubly effective separation ... DUO ... and the ultimate in form release efficiency.

# CURING COMPOUNDS

Cure your concrete products properly. These curing compounds are water-based and are easy to apply, allowing your concrete to cure quickly and securely.

## 1100

1100 water-based concrete curing compound is formulated from hydrocarbon resins and may be used on interior, exterior, vertical, and horizontal concrete surfaces. Once applied, 1100 forms a premium-grade membrane that retains an optimum amount of water in freshly placed concrete for complete hydration of the cement.



## 1600-WHITE

The 1600-WHITE series of water-based, white-pigmented concrete curing compounds are wax-based dispersions with selected white pigments. When properly applied, 1600-WHITE forms a premium-grade membrane, which optimizes water retention. The white pigment reflects the sun's rays to help keep the concrete surface cooler and prevent excessive heat buildup.



## MED-CURE™

MED-CURE is a ready-to-use, water-based, VOC-compliant concrete curing agent, hardener, and dustproof. It is residue-free and contains no wax, resin, or other materials that would inhibit the bond of subsequent coatings and/or treatments over substrates treated with MED-CURE.



## SIL-CRETE™

SIL-CRETE concrete curing agent and densifier is a waterborne, low solids, lithium-silicate-based, ready-to-use formulation which cures and densifies freshly troweled concrete and also can be used to densify and seal existing concrete. When applied to fresh concrete, the product helps to reduce water evaporation and improves the surface integrity of the concrete. It is residue-free and contains no wax, resin, or other materials that would inhibit the bond of subsequent coatings and/or treatments over substrates treated with SIL-CRETE.



# PENETRATING CONCRETE SEALERS



## PENTREAT™ 244-20 W/B

PENTREAT 244-20 W/B is a water-based, 20% active content silane penetrating sealer. PENTREAT 244-20 W/B is a hydrophobic, impregnating sealer that helps prevent chloride-induced corrosion of rebar, scaling, spalling, freeze-thaw damage, and other causes of debilitating concrete.



## PENTREAT™ 244-40 W/B

PENTREAT 244-40 W/B is a water-based, 40% active content silane penetrating sealer. PENTREAT 244-40 W/B is a hydrophobic, impregnating sealer that helps prevent chloride-induced corrosion of rebar, scaling, spalling, freeze-thaw damage, and other causes of debilitating concrete.

# WATERPROOFING MEMBRANES

W. R. MEADOWS, well known for our quality line of waterproofing membranes, has unique solutions for holding water in, or keeping water out depending on your needs. The range of products include cementitious membranes (NSF approved), as well as liquid and self adhesive sheet membranes.



## ADI-CON™ CW PLUS

ADI-CON CW PLUS is a dry, free-flowing powder containing a blend of inorganic and organic chemicals, a small amount of sand, and silica-based materials. The reactive materials react with lime generated by the hydration reaction of cement and plug the capillary porosity, making concrete watertight under water-head pressure. ADI-CON CW PLUS is an integral waterproofing admixture for Portland cement based concrete and mortars.



## CEM-KOTE™ CW PLUS

CEM-KOTE CW PLUS is a crystalline (capillary) in-depth waterproofing for new or existing water storage and water treatment concrete structures, digesters, clarifiers, and utility vaults. CEM-KOTE CW PLUS is also suitable for waterproofing retaining walls, basements, concrete slabs, and other concrete structures.





## CEM-KOTE FLEX CR

CEM-KOTE FLEX CR is designed for waterproofing, repair, and protection of concrete structures exposed to hydrogen sulfide environments, such as sewers, manholes, lift stations and digesters. It is extensively used in protection and waterproofing of structures subjected to various chemicals, such as piping.



## CEM-KOTE FLEX ST

CEM-KOTE FLEX ST is designed for positive and negative waterproofing of concrete structures in new construction, restoration, and precast products. It is suitable for water and wastewater tanks, secondary containment structures, tunnels, concrete slabs, balconies, and patios with light to medium traffic.



## MEL-ROL®

MEL-ROL waterproofing system is a flexible, versatile, dependable, bituminous, roll-type waterproofing membrane. It is a 60 mil-membrane composed of a nominally 56 mil thick layer of polymeric waterproofing membrane on a heavy duty, four-mil thick, cross-laminated polyethylene carrier film. The two components are laminated together under strict quality-controlled production procedures.



## MEL-ROL LM

MEL-ROL LM is a single-component, polymer-modified, cold-applied, water-based, liquid waterproofing membrane ideal for below-grade vertical seamless waterproofing applications. We have taken the same high quality rubber polymers found in W. R. MEADOWS' successful MEL-ROL "peel and stick" membrane and converted them into a heavy-bodied, high solids, quick drying liquid membrane. ied, high solids, quick drying liquid membrane.



## HYDRALASTIC 836

HYDRALASTIC 836 can be used on interior or exterior concrete surfaces, where protection from water intrusion is desired. The product can be used for both above-grade and below-grade applications. HYDRALASTIC 836 is excellent for horizontal and vertical applications, such as waterproofing plaza decks, planter boxes, and sealing parapets. The product is ideal for positive-side waterproofing for foundations and also in between-slab applications. HYDRALASTIC 836 can also be used in vertical applications.



# CONCRETE REPAIR MORTARS AND PATCHES

Whether it's a quick fix at the plant or on the site.

W. R. MEADOWS has a full line of repair and restoration products to meet your needs. We also offer a full line of adhesives for anchoring and bonding applications.

## MEADOW-PATCH® T1

MEADOW-PATCH T1 is a one-component, polymer-modified, cementitious repair mortar designed for horizontal, vertical, and overhead applications. This all-purpose mortar is designed for maintenance patching and minor repairs 1" (25.4 mm) to featheredge. Product is available in standard gray and light gray (grayish white) colors.



## MEADOW-PATCH 5

MEADOW-PATCH 5 is a one-component, cementitious, very fast setting restoration/repair mortar and water plug. This product has a light gray color and is designed for vertical, overhead, and horizontal applications, as well as for stopping active fluid seepage. This very fast-setting, low-slump repair mortar may be troweled, shaped, molded, and shaved before taking a final set. MEADOW-PATCH 5 is an excellent patching solution for difficult vertical/overhead applications without using expensive and intricate forming techniques.



## MEADOW-PATCH 20

MEADOW-PATCH 20 is a one-component, cementitious, fast setting restoration/repair mortar. This product has a light-gray color and is designed for vertical, overhead, and horizontal applications. This fast-setting, low-slump repair mortar may be troweled, shaped, molded, and shaved before taking a final set. MEADOW-PATCH 20 is an excellent patching solution for difficult vertical and overhead applications without using expensive forming techniques.



## MEADOW-PATCH® SMOOTH-GRADE

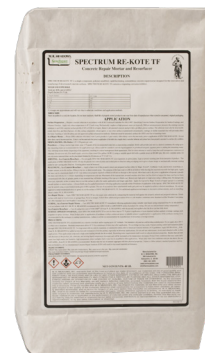
MEADOW-PATCH SMOOTH-GRADE is a single-component, polymer-modified, cement-based, sands-free material used for achieving an ultra-smooth finish on precast, cast-in-place, tilt-up, or other unfinished concrete surfaces.

This product offers superior adhesion and durability. It is not a vapor barrier, contains no added gypsum, has excellent workability for trowel application, and has an extended pot life of up to 45 minutes, which provides enhanced working time.



## SPECTRUM RE-KOTE TF

SPECTRUM RE-KOTE TF is a single-component, polymer-modified, rapid-hardening, cementitious concrete repair mortar designed for the renovation and resurfacing of deteriorated concrete surfaces. SPECTRUM RE-KOTE TF contains a migrating corrosion inhibitor.



## FUTURA®

The FUTURA line of products are one-component, cementitious, very rapid-hardening, structural repair mortars designed for horizontal applications. The line is composed of selected cements, graded sands, and chemical additives. This proprietary blend produces a very rapid-setting structural repair mortar, even in cold weather conditions, without the aid of chloride- or gypsum-based accelerators.





# CONSTRUCTION AND ANCHORING EPOXIES AND GROUTS

W. R. MEADOWS anchoring epoxies and grouts are a great choice to securely fasten items to your precast products. These products feature top-of-the-line compressive strengths and set times.



## 588-10K

588-10K is a hydraulic-cement-based, precision, nonshrink, load-bearing grout designed to transfer load effectively and safely, ensuring long service time of the grouted item. It is a non-corrosive, non-metallic, mineral-based precision grout, developed to have high initial and ultimate flexural and compressive strengths. It can be mixed quickly, as needed, on the jobsite. 588-10K offers exceptional workability and is easily placed by pouring or pumping. The product is designed to give non-shrink performance under various conditions for both interior and exterior applications.



## PAC-IT®

PAC-IT packable grout is a non-ferrous, non-shrink grout specifically formulated for grouting applications, without the need for expensive form work. PAC-IT is a pre-mixed, low-slump grout with high density and high strength. PACIT offers excellent workability and high one-day strengths in addition to the non-shrink property.



## REZI-WELD™ GEL PASTE

REZI-WELD GEL PASTE is a high viscosity, rapid setting, thixotropic, structural, epoxy-based, chemical anchoring/bonding adhesive and injection resin. REZI-WELD GEL PASTE provides high mechanical properties and bond strength to concrete and various other substrates. REZI-WELD GEL PASTE is a two-component, moisture-insensitive construction epoxy, which can be troweled, brushed, injected, or pumped.



## REZI-WELD 1000

REZI-WELD 1000 is a medium-viscosity, two-component, construction-grade structural epoxy adhesive. It is moisture-insensitive and resistant to many chemicals. High modulus, high strength REZI-WELD 1000 is color coded to assure proper mixing and is self-leveling and easy to apply.





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