

# TILT-UP AND PRECAST MARKETS



## REPAIR SOLUTIONS FOR TILT-UP / PRECAST INDUSTRIES

### Precast Industry

Precast concrete applications touch many aspects of our life. These applications include housing, sanitary and storm water projects, communications, utilities, industrial structures and the transportation industry, just to name a few.

Three key features that precast concrete offer are quality, value and performance. These features are part of the reason why precast structures are sound, sturdy and long lasting. Added to this is the fact that they achieve superior load carrying capabilities through their own internal design.

While other building materials deteriorate, lose strength, deflect, or experience creep and stress relaxation, the strength of precast concrete gradually increases with age. Durability studies have shown that precast concrete can easily provide a service life well over 100 years.



However, through the initial production and installation process, there is the possibility of honeycombs or chipped surface areas that need to be repaired with either a coating or patching compound. In addition, refurbishing of existing precast structures is commonly required to repair scaled or spalled surfaces that are incurred from everyday wear and tear.

The Euclid Chemical Company manufactures a complete line of product solutions designed to overcome these challenges and can aesthetically enhance or repair whatever type of precast concrete structure you may have.



### Tilt-up Industry

Tilt-up construction is one of the fastest growing industries in the U.S with over 10,000 buildings comprising approximately 650 million square feet of floor space constructed annually. Tilt-up is durable, low maintenance and economical to produce with a minimal capital investment. With the wide use of concrete panels in everyday tilt-up construction, there is a critical need for complementary products



commonly associated with this type of construction, such as joint fillers, decorative and waterproof coatings, adhesives and non shrink grouts. Today, The Euclid Chemical Company supplies and delivers the most comprehensive line of rugged, reliable and long lasting tilt up construction accessory repair products known to the industry.



### Product Solutions

#### Patch and Repair

##### **Tammscrete**

Tough one-part, polymer modified, cementitious, fast setting, patching and repair material for use on new and existing concrete and masonry surfaces. Tammscrete provides a smooth finish to precast, poured in place and tilt up concrete surfaces

##### **Speed Crete Red Line**

Fast setting cement based patching material for concrete and masonry designed to reach initial set in 8-10 minutes and final set within 20 minutes. User-friendly Speed Crete can be shaved to conform to the area of placement after initial set and offers a quick, easy finishing on vertical and overhead applications without forms.

##### **Euco Precast Grout**

A rugged, high strength, non-staining, natural aggregate grout that provides an expansive cementitious binder for critical applications that require positive expansion. Precast grout provides excellent strength, durability, and aesthetics to applications such as precast panels, structural supports, and honeycomb detailing.



## Waterproofing and Dampproofing

### **Tamoseal**

Cement based waterproof coating applied by brush to concrete block or masonry surfaces that fills and seals pores, voids, and surface imperfections. It is strong and durable and can withstand low levels of hydrostatic pressure on interior wall surfaces below grade as well as serves as an excellent base coat for decorative and protective finishes.



### **Concrete Finisher**

High performance portland cement based decorative and dampproofing coating enhances surfaces of tilt-up masonry walls and ceilings. Provides uniform surface textures and color.

## Joint Fillers and Sealants

### **Eucolastic I and II**

Easy to use one- or two-component, gun grade or pourable, urethane sealant ideal for sealing and protecting construction and control joints and indoor or outdoor precast or masonry applications

## Decorative Coatings

The Euclid Chemical Company Tamms brand of decorative coatings are formulated with state of the art resins that provide the most durable and reliable coatings in the industry. The Tamms brand offers a broad line of architectural coatings designed to weatherproof and protect concrete and masonry structures while providing a high quality aesthetic finish. *For more information see Decorative Coatings sell sheet.*

## **Industry Leadership**

For almost 100 years, The Euclid Chemical Company has served as a leading supplier to the concrete and masonry industry offering a full line of engineered concrete admixture and construction products marketed under the EUCO, Tamms, Dural, Speed Crete brand names. These products include concrete admixtures, block and masonry additives, curing and sealing compounds, epoxy adhesives, floor and wall coatings, structural grouts for columns, equipment and machinery, joint fillers and repair products. The Euclid Chemical Company strives to bring innovative technologies and products to the concrete market with demonstratively better service.

## **Customer Solutions**

The Euclid Chemical Company is unique in our offering of superior products and unparalleled customer service and industry support. The Euclid team delivers a range of value-added resources and in-depth industry experience to architects, designers, engineers, building contractors and owners. Comprised of highly trained professionals who are available in local offices across the Americas, our experts are active members on industry technical committees including American Concrete Institute (ACI), International Concrete Repair Institute (ICRI) and American Society for Testing and Materials (ASTM). Our experienced field team is available to support you and your projects using Euclid Chemical solutions and products manufactured under the stringent standards of our ISO 9001:2000 certified quality system.

## **Value Added Support**

### Technical Support

Our Technical Support group provides real-time solutions regarding product and application questions. We can be reached toll free at 1-800-321-7628 or you can visit our website at [www.euclidchemical.com](http://www.euclidchemical.com).

### Laboratory Services

Our world class Cement and Concrete Reference Laboratory (CCRL) inspection facilities are equipped with state-of-the-art technologies and staffed by an exceptional team of professional, ACI certified technicians.

### Training

The Euclid Chemical Company generously shares product information and technical knowledge through training and seminars conducted for project owners, contractors, distributors and design professionals.



**For more information, contact your local Euclid Chemical Representative or call 1-800-321-7628. Visit us at [www.euclidchemical.com](http://www.euclidchemical.com).**



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