

# K A U F M A N

PRODUCT  
INFORMATION

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## TYCRON EM

### Description

Tycron EM is a special version of our high quality shake on hardener product line. It contains specially processed polyhedral emery aggregates, special cementitious binders, plus long proven water reducing agents and plasticizers and other proprietary ingredients. Tycron EM is designed for heavy applications to industrial floors, in need of superior abrasion resistance and impact protection, as well as a uniform color.

### Uses

Tycron EM is designed to provide long-term durability and low maintenance to industrial floors. Such floors are typically subjected to heavy traffic, impact and high abrasion.

Floors treated with Tycron EM stand up to years of punishment without dusting or disintegrating. Tycron EM is an excellent choice if precision machinery is nearby, since floors will not dust and contaminate special machinery.

Light Reflective Tycron EM is ideal for industrial floors requiring added abrasion and impact resistance in facilities needing improved lighting with fewer fixtures and/or less electrical energy requirements.

### Benefits

- Emery is one of the hardest and most durable materials
- Non-Rusting
- Superior Abrasion Resistance
- Easier to apply than metallic shake on hardeners
- Easy to Clean
- Interior & Exterior Applications
- 100% pure emery/corundum with 58% aluminum oxide and 24% iron oxide and 4% silica.
- Moh's Scale of 8
- Class 5 & 6 industrial floors as per ACI Manual of Concrete Practices
- Specific Gravity of Emery is 3.5

### Coverage

	lbs./ft <sup>2</sup>
Light duty	1-1.5
Heavy duty	1.5-2
Colored	1.5-2

If greater quantities are needed for more severe use, contact your Kaufman Products, Inc. representative for assistance.

### Special Features

Ten Year Dustproofing Guarantee - When the application is applied under the direct supervision of a KPI trained field representative; all treated areas are guaranteed against dusting for 10 years from the date of application and according to the terms and conditions of the guarantee. In order to be covered, the job must be specified in accordance with the written instructions of your Kaufman Products representative and furnished for each particular job.

Manufacturer's Supervision - KPI offers the services of your sales representative at no charge, to instruct jobsite personnel in the proper application of all Tycron products. This service will be provided during his normal visit in that area. If continuing and direct supervision is desired for a dustproofing guarantee, an additional fee will be quoted. This inspection service will advise the architect/engineer in a written report, of any problems encountered during the inspection.

### Application

Place and screed slab normally, then apply Tycron EM by broadcasting or throwing 2/3 of the specified amount on to the slab, after excess bleed water has risen. Float and apply remaining 1/3 in the same manner. Finally, float, trowel, or broom as you would ordinary concrete. Areas next to columns, walls and forms should be dusted first, since they have a tendency to dry quickly. Use VaporAid to help work in material, not water. Large pours should be placed in a checkerboard fashion or other acceptable methods as good concrete practice dictates, with each square no more than 2,000 sq. ft. After the floor is finished, apply Krystal 25, Krystal 25 OTC, Krystal 25 Emulsion, ColorCoat OTC, or Thinfilm 450 curing compound. Please refer to complete Tycron Instructions.

Do not ever add plasticizers, accelerators, retarders, or any other ingredients besides potable water unless advised by Kaufman Products in writing.

### Packaging

50 lb. reinforced bag

## Colors

Light Gray	Tile Green
Dark Gray	Beige
Tan	Chocolate
Terra Cotta	Natural
Tile Red	Light Reflective

Special colors available upon request.  
See separate color chart for samples.

## Precautions

Not recommended for slabs exposed to acids or their salts. Do not apply over concrete containing calcium chloride. Do not apply over concrete containing more than 3% entrained air. Use proper curing compound.

## Specifications

All areas designated on the finish schedule and/or drawings shall be treated with Tycron EM, as manufactured by Kaufman Products Inc., Baltimore, Maryland. This material shall be applied at a rate of \_\_\_\_#/100 ft<sup>2</sup>, according to directions furnished by the manufacturer. Areas treated should be cured with Kaufman Products' Krystal 25, Krystal 25 OTC, Krystal 25 Emulsion, ColorCoat OTC or Thinfilm 450.

## Precautions

Follow ACI specifications. Do not use concrete containing added calcium chloride, aggregate contaminated with salt, or concrete containing more than 3% air. *Read complete Safety Data Sheet and Recommended Field Procedures for Tycron before using.*

## Technical Information

Test results were achieved under laboratory conditions. Statistical variations will occur based upon mixing methods, temperature & humidity, test methodology, site conditions, curing conditions, application methods, and equipment.

For professional use only. Not for sale to or use by the general public.

LIMITED WARRANTY We warrant our products to be of good quality and will replace material proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement, Kaufman Products, Inc makes no warranty or guarantee, expressed or implied, including warranties of fitness or merchantability, respecting its products, and Kaufman Products, Inc shall have no other liability with respect hereto. User shall determine the suitability of the product or the intended use and assume all risks and liability in connection thereto. Our salesmen, distributors and their salesmen have no authority to change the printed recommendations concerning the use of our products.