

PIERI® EURO-TARD™ Data Sheet

In-form retarder

Product Description

PIERI®EURO-TARD™ is a one-step, general-purpose in-form retarder with excellent heat resistance. Available in 10 depths of etch, each one color and number coded for safety and convenience. A test panel simulating job conditions should be poured for proper grade selection. Coverage: approximately 350 ft²/gal.

Product Advantages

- One coat, fast drying
- High heat resistance
- Excellent etch retention
- High coverage rates, low cost per ft²

Area of Application

Excellent for architectural finish precast or poured-in-place concrete. Placement time up to 30 minutes. Heat resistance up to 150 °F. For use with steel, concrete, plywood, plastic and many latex forms. Note that plywood forms should be sealed before use (see #245 Form Seal).

EURO-TARD® Grade Guide

EST. ETCH-DEPTH*	GRADE
Acid Etch	03 Light Violet
Sand Blast	05 Powder Blue Violet
Up to 1/4 in. (Up to 6.5 mm)	15 Yellow
1/8 to 1/4 in. (3.0 to 6.5 mm)	25 Beige
1/8 to 3/8 in. (3.0 to 9.5 mm)	50 Canary Green
1/8 to 3/8 in. (3.0 to 9.5 mm)	75 Blue
3/8 to 1/2 in. (9.5 to 13 mm)	100 Gray
3/8 to 5/8 in. (13 to 16 mm)	125 Pink
3/8 to 5/8 in. (13 to 16 mm)	150 Green
1 to 3/2 in. (25 to 38 mm)	250 Orange

*564 lbs/yd³ or 355 kg/m³ of cement.

Directions

Thoroughly mix before application. Uniformly coat form with a single coat of PIERI® EURO-TARD™ (or two light coats) using brush, roller, or airless sprayer at a rate of 350 ft²/gal (4 mils). Clean up with Arca Solv or Xylene. Allow retarder to dry thoroughly (approximately 20 minutes depending on temperature and humidity) before pouring concrete.

Caution: When steam curing, bring the temperature up gradually to allow the surface retarder to react properly with the concrete.

Note: *If steam is to be used, it should also be used with the test panel poured for the proper grade selection. Wash off at the end of the curing cycle with high pressure water. Mold can be cleaned with a scraper or stiff broom or Euro-Clean (a solvent based neutralizer/retarder remover).*

Technical Data

Solvent-based. Flash point 30 °F. Heat resistance up to 150 °F. See EURO-TARD™ Grade Guide Section for help in etch selection. Meets EPA's VOC requirements for Non-photochemically reactive compounds.

Shelf life and Storage

One year from manufacturing date in closed original container.

Packaging

Available in 5 gallon steel pails.

Safety

Highly flammable.

Keep away from heat, sparks and open flames.

Use respirator for spray applications.

Shipping Classification

Paint, 3, UN1263, Flammable Liquid, P.G. II.

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