

MasterTop® 1212 TX

Epoxy floor coating with orange peel texture

FORMERLY SELBY™ OP FLOOR COATING

YIELD

Primer: 150 – 200 ft²/gallon
(3.75 – 5 m²/L)

Base coat: 200 ft²/gallon (5 m²/L)

Topcoat: 200 ft²/gallon (5 m²/L)

All coverage rates are approximate.
Coverage rates will vary with the coating
desired texture and the porosity of the
concrete.

PACKAGING

1 gallon (3.79 L) cans

5 gallon (18.95 L) pails

55 gallon (208 L) drums available by
special order

COLOR

7 standard colors.

Custom colors are available on request.
Custom colors are subject to minimum
quantities and increased manufacturing
lead-times. Refer to the BASF Perfor-
mance Flooring Color Guide for more
information.

SHELF LIFE

Epoxy base and topcoats: 2 years.

STORAGE

Store and transport in unopened
containers in a clean, dry area.
Protect from freezing.

VOC CONTENT

See MasterTop 1212 TX LEED Letter

DESCRIPTION

MasterTop 1212 TX is a high solids epoxy flooring system. It is used where a tough, abrasion resistant, orange peel textured coating is required.

PRODUCT HIGHLIGHTS

- High bond strength to concrete
- Nonporous resin matrix provides lasting protection
- 100% solids epoxy formulation is VOC compliant in all regions and low in odor
- Good abrasion resistance for longer wear
- Epoxy technology provides good chemical resistance

APPLICATIONS

- Where an abrasion resistant orange peel coating is required
- As a grout coat and topcoat for Selbaclad systems
- Recoating floors

LOCATION

- Interior floors

SUBSTRATE

- Over new and existing concrete surfaces and toppings

TECHNICAL DATA

COMPOSITION

MasterTop 1212 TX is a 100% reactive epoxy polymer system.

TYPICAL PROPERTIES

PROPERTY	VALUE
Maximum in-service temperature	170° F (77° C)

TEST DATA

PROPERTY	RESULTS	TEST METHODS
Adhesion to concrete , psi (MPa)	350 (2.4) 100% concrete failure	ASTM D 4541
Abrasion , mg loss; CS-17 wheel, 1,000 g load, 1,000 cycles	0.087	ASTM D 4060
Moisture-vapor transmission , perms	0.4	ASTM E 96
Impact resistance	Passes	MIL-D-3134F
Hardness , Shore D	85	ASTM D 2240
Rate of burn	Self-extinguishing	ASTM D 635

Unless otherwise noted, test samples were cured 7 days at 73° F (23° C) and 50% relative humidity.

CHEMICAL RESISTANCE

Full chemical resistance is achieved after curing for 7 days. For resistance to a specific chemical compound, consult the MasterTop Chemical Resistance Guideline.

MIXING

- Mix the components for this product in the following ratios.

APPLICATION COMPONENTS	MIX RATIO BY VOLUME
Base Coat MasterTop TC 504 Part A / MasterTop TC 504TX Part B	2.5 to 1
Topcoat MasterTop TC 504 Part A / MasterTop TC 504TX Part B	2.5 to 1

- Premix each component separately before mixing together to ensure uniform consistency.
- Combine Parts A and B in a suitably sized container. Use the proper ratios of A and B; scrape the sides of the containers to ensure a complete reaction.
- Mix properly for 3 minutes with a slow speed drill and Jiffy style mixing paddle at 350 rpms. Keep the paddle below the surface to avoid entrapping air. Do not mix by hand.
- Apply a 25 ft² (2.35 m²) test in an inconspicuous area that meets the owner's expectations for appearance and performance.

PRIMING

If priming is required, apply the mixed material to the properly prepared concrete or properly prepared aged coating at approximately 150 – 200 ft²/gallon (3.75 – 5 m²/L). For more information, contact your BASF representative or flooring specialist.

APPLICATION

- Install the topcoat at 200 ft²/ gallon. (5m²/L) Roll out the material in crosshatch patterns to lessen roller marks. Use a roller nap that will achieve the desired texture. Use a 1/4" (6.4 mm) nap roller cover to achieve the widely accepted orange-peel texture.
- Apply a finish coat of MasterTop TC 493 or MasterTop TC 683, if additional protection required.
- Allow the final floor to cure 24 hours before opening to traffic.

DRYING TIME

Base coat: 12 – 24 hours
 Topcoat: 24 hours

MAINTENANCE

Regular cleaning and maintenance will prolong the life of all polymer flooring systems, enhance their appearance, and reduce any tendency to retain dirt. Refer to the MasterTop cleaning and maintenance guide for more information.

FOR BEST PERFORMANCE

- Use an effective moisture barrier for substrates on or below grade; if not present, contact your BASF representative for options.
- Install this product at a substrate temperature between 50 and 85° F (10 and 30° C).
- The architect and owner should address joint details with the contractor before the job starts.
- Before application, prepare an on-site mock-up to verify the owner's expectations and to serve as reference for texture.
- Apply a finish coat of pigmented MasterTop TC 493 or MasterTop TC 683 top coats for increased abrasion resistance, color retention and UV stability.
- Do not exceed the recommended recoat

window of 24 hours. If in doubt, contact your BASF representative or flooring specialist.

- Precondition this product to 70° F (21° C) for 24 hours before using.
- BASF representatives and flooring specialists can help you select the proper flooring system. Call 1-800-243-6739 for in-house and field technical assistance.
- Make certain the most current versions of product data sheet and SDS are being used; visit www.master-builders-solutions.BASF.us to verify the most current versions.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

HEALTH, SAFETY AND ENVIRONMENTAL

Health, Safety and Environmental Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.master-builders-solutions.basf.us, e-mailing your request to basfbscst@basf.com or calling 1(800)433-9517. Use only as directed. **For medical emergencies only, call ChemTrec 1(800)424-9300.**

LIMITED WARRANTY NOTICE

Every reasonable effort is made to apply BASF exacting standards both in the manufacture of our products and in the information which we issue concerning these products and their use. We warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, BASF MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and BASF shall have no other liability

with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the BASF Technical Manager. This information and all further technical advice are based on BASF's present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, BASF disclaims all CONDITIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. BASF SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. BASF reserves the right to make any changes according to technological progress or further developments. It is the customer's responsibility and obligation to carefully inspect and test any incoming goods. Performance of the product(s) described herein should be verified by testing and carried out only by qualified experts. It is the sole responsibility of the customer to carry out and arrange for any such testing. Reference to trade names used by other companies is neither a recommendation, nor an endorsement of any product and does not imply that similar products could not be used.

FOR PROFESSIONAL USE ONLY. NOT FOR SALE TO OR USE BY THE GENERAL PUBLIC.