

PRODUCT DESCRIPTION

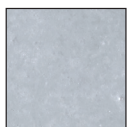
Res-Tek PUR-Guard™ HD-TC is a low odor, 3 component, roller applied, cementitious aromatic urethane flooring topcoat material designed to seal and protect PUR-Guard HD-SL, HD-SLE, HD-T and HD-CB systems. PUR-Guard HD-TC provides protection from abrasion, thermal shock, as well as resistance to chemical attack.

PUR-Guard HD-TC can be lightly broadcast with industrial grade silica or aluminum oxide to enhance slip resistance.

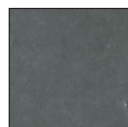
TYPICAL USES

Res-Tek's PUR-Guard HD-TC is ideal for food and beverage processing facilities, commercial kitchens, thermal shock areas, and wet process areas such as in dairies, breweries, wineries, etc.

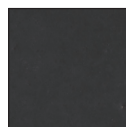
Available in several standard colors:



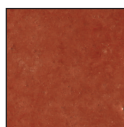
P-21 (Gray)



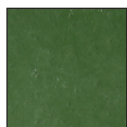
P-22 (Dark Gray)



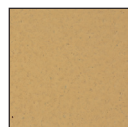
P-23 (Black)



P-24 (Red)



P-25 (Green)



P-27 (Beige)



P-28 (Chocolate)

PHYSICAL CHARACTERISTICS

Tensile Strength (ASTM C 307):

1100 - 1400 psi

Modulus of Elasticity:

Not available

Impact Resistance:

No visible damage at minimum 160 in.-lb.

Water absorption:

< 0.1%

Moisture Vapor Transmission Limitations:

Calcium Chloride (ASTM F-1869) 20 lb/1000 sq ft./24 hrs, or 99% RH using in-situ RH probe (ASTM F-2170)

Abrasion Resistance (ASTM D 4060):

Not available

Coefficient of Friction (ASTM D 2047):

Meets or exceeds ADA recommendations

Application Temperature:

60°F - 80°F

Cure Time:

8 - 10 hours @ 70°F recoats/light traffic, 24 hours @ 70°F full service

Service Temperature Range:

-40°F - 240°F

YIELD

One HD-TC kit yields: 80 – 100 sq.ft.

RES-TEK INC.

110 Riverside Drive SW
Cartersville, Georgia 30120

P. 888.ResTek1 (888.737.8351)

www.Res-Tek.net



STANDARD PACKAGING

PUR-Guard HD-TC is sold in kits consisting of: 1/2 gallon container Part A (partially filled), 1/2 gallon container Part B (partially filled), 4.16 lb bag of filler, 1 pigment pack.

SURFACE PREPARATION

To provide a lasting bond, the substrate must be thoroughly cleaned of grease, oils, curing membranes, wax, or any other contaminants. The substrate surface must be dry and free of laitance and unsound concrete. Floor surfaces receiving Res-Tek PUR-Guard products must be thoroughly cleaned and prepared by shot blasting or other approved mechanical means.

APPLICATION INFORMATION

Mix Only Full Kits, Do Not Split.

Mix using a high speed (2500 RPM) drill equipped with a Pigment Dispersing Blade (sold by Res-Tek). Refer to product label or mixing chart for exact instructions.

Add Part A to mixing bucket, add Pigment Pack and mix till blended, add Part B and mix for 15 - 30 seconds only.

With mixer running, immediately add approximately one quarter of the appropriate filler. Gradually add remainder of filler and mix until blended and lump free. Mixing should take no longer than 2-3 minutes. Apply material to floor immediately after mixing. Spread to specified thickness using a 9" or 18" x 1/4" - 3/8" nap roller. Lightly back-roll to smooth imperfections.

WARRANTY

Res-Tek Inc. warrants that materials shipped to buyers are free of any defects in material or workmanship according to Res-Tek's published data if used in accordance with Res-Tek's specified application procedure. Res-Tek Inc. shall not be responsible for any claim resulting from failure to utilize product in the manner in which it was intended, and in accordance with Res-Tek's application guidelines. Res-Tek Inc. has no responsibility for application and processing of products.

- This product data sheet was prepared as a general guide only. Please contact your local Res-Tek Representative or our Technical Service department for assistance prior to any application.

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