

PRODUCT DESCRIPTION:

A two component acrylic polyurethane coating giving excellent durability and long term corrosion protection.

APPLICATION AREA

MultiDur TC 1252E is suitable for use for new construction and as a maintenance coating which can be used in a wide variety of environments such as:

-) Construction
-) Roads & Bridges Tanks
-) Industrial Maintenance
-) Pulp & Paper mills,
-) Power Industry
-) Water Treatment Marine & Offshore structures
-) Manufacturing/OEM
-) Chemical and Petrochemical Plants
-) And many more....

BENEFITS:

-) Fast drying
-) High gloss
-) Excellent hardening rate
-) High build coating.

PRACTICAL INFORMATION:

Description	Values
Types	Two Component acrylic polyurethane finish
Colours	RAL Shades
Volume Solid content, %	60±2 by weight
VOC	464 gm/Kg
Theoretical coverage	10 m ² /kg for 50 microns
Specific Gravity	1.2
Pot Life	90 minutes
Thinner	MultiThin Range
Packing	1 kg, 5 kg, 10 kg, 20 kg

APPLICATION DATA:

Ambient Conditions for Application

Dry conditions

Minimum Temperature: 5 °C

Do not apply if the air temperature is below 5 °C.

Drying Time

Temperature, oC	Touch Dry, Minutes	Hard Dry, Hours	Overcoat Interval	
			Minimum, Hr	Maximum, Day
15	150	10	10	7
25	90	6	6	7
40	60	3	3	7

Preparation of Surfaces

The surface should be blast cleaned to SSPC-SP 10-63T or NACE No. 2 i.e. loose rust and scales, dirt, grease, oil, paint, wax, weak oxide films and other contaminants should be removed. Blast cleaning to SSPC-SP 5-63 or NACE No. 1 is recommended where heavy corrosive conditions exist or coating is required to be immersed. That means a surface with a grey metallic colour, slightly roughened to form a suitable anchor pattern for coatings. This surface is free of all oil, grease, dirt, mill scale, rust, corrosion products, oxides, paint and other foreign matter. In absence of blast cleaning, prepare the metal surface by wire brushing, sanding, grinding, scrapping or chipping with hand or power tools. Remove all the contaminants.

A small area should always be tested to ensure adhesion and compatibility.

Application of Coating

Each component should be individually mixed to obtain homogeneous mix.

It is always advised to prime the surface with suitable primer before applying **MULTIDUR TC 1252E** to the substrate. Apply the product by spray, brush or roller, such that surface is coated evenly. Second coat, if required, should be applied when first coat is touch dry.

CLEANING:

All tools should be cleaned with suitable cleaner immediately after use.

STORAGE:

Store in dry, frost-free conditions at moderate temperatures not greater than 25 °C.

WARRANTY

Multichem warrants MULTIDUR TC1252E to be free from manufacturing defects as defined in this warranty. Manufacturing defects are those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs, or expenses associated with the removal or installation of MULTIDUR TC1252E.

Because the Multichem does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem part. Multichem neither assumes nor authorizes any person to assume for Multichem any liability in connection with the sale and installation of MULTIDUR TC1252E.

Because of constant improvement of manufacturing techniques and formulations, Company reserves rights to change this datasheet and its contents without prior notice.