DUR-A-FLEX
INNOVATION FROM THE FLOOR UP

APPLICATION INSTRUCTIONS

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DUR-A-WALL/DUR-A-WALL FGR

IMPORTANT! Read these instructions carefully several days prior to starting your work. Seek answers to any questions you may have before you begin. DUR-A-FLEX, Inc. maintains a Technical Staff that will be glad to answer your questions and give you advice pertaining to your particular installation.

DUR-A-WALL and DUR-A-WALL FGR is applied by brush and roller method. When recommended spread rates are followed, DUR-A-WALL and DUR-A-WALL FGR will produce nominal thickness of 20 - 40 mils.

SURFACE PREPARATION

Surface must be clean, dry and free of all oil and grease. Please refer to the master Surface Preparation Guide for more information.

MIXING AREA

Select a convenient mix area and protect the surface from spillage by covering with a layer of cardboard and/or sheet of plastic. Be generous with the amount of space you allocate for this function. The more comfortably your mixer works, the less likely you are to have a "mix error". Make ready all necessary tools, mix and measure containers, etc. DO NOT MIX ANY EPOXY UNTIL READY FOR IMMEDIATE USE. Once hardener and resin are combined, it must be used immediately. Apply masking tape wherever coating is intended to stop.

DUR-A-WALL APPLICATION METHOD

NOTE – For masonry surfaces such as brick, block, ceramic tile etc. (A pre-installation meeting is recommended to determine surface finish.) Substrate finish will affect final appearance of wall coating. Drywall must be finished to a level #4 - #5 finish. DUR-A-BOND® 90 joint compound is recommended for adhesion. DUR-A-GARD and DUR-A-GLAZE # 4 epoxies are applied with a 3/8" nap roller. Coverage will vary depending upon porosity and texture of substrate.

Multiple applications of filler material maybe necessary. Sand or grind between coats to achieve a smooth surface.

NOTE: Tile grout lines may "mirror through" the finished system even though the surface is smooth.

Drywall must be finished to a level #4 - #5 finish. DUR-A-GARD epoxy is used throughout the DUR-A-WALL system for base, grout and seal coats. DUR-A-GARD epoxy is applied with a 3/8" nap roller at approximately 200 Sq Ft per gallon to yield a wet film thickness of 8 mils with no runs. Coverage will vary depending upon porosity and texture of substrate.

A. Priming – When applying over concrete or block walls, Dulux (ICI) interior/exterior block filler is recommended to fill any pores in the substrate. When applying over sheet rock, use a quality sheet rock primer like ICI Gripper Multi-Purpose Primer or Glidden Gripper Primer. This will prevent the base coat from soaking into the sheet rock.
B. Base Coat - Pre-mix hardener and resin for 2 - 3 minutes with a slow speed Jiffler type mixer. Add 1 part DUR-A-GARD NO-SAG hardener to 2 parts DUR-A-GARD resin by volume. Mix with a slow speed Jiffler type mixer for 2 - 3 minutes. Apply at a spread rate of 250 Sq Ft per gallon.
C. Seal Coat – Pre-mix DUR-A-GARD NO-SAG hardener and DUR-A-GARD resin for 2 - 3 minutes with a slow speed Jiffler type mixer. Add 1 part DUR-A-GARD NO-SAG hardener to 2 parts DUR-A-GARD resin by volume. Mix with a slow speed Jiffler type mixer for 2-3 minutes. Apply with a 3/8" nap roller at a rate of 250 Sq Ft per gallon. Allow to cure for a minimum of 10-12 hours before sanding off bumps and other imperfections.

DUR-A-WALL FGR APPLICATION METHOD

Drywall must be finished to a level #4 - #5 finish. DUR-A-BOND® 90 joint compound is recommended for adhesion. DUR-A-GARD epoxy is used throughout the DUR-A-WALL FGR system for base, grout and seal coats. DUR-A-GARD epoxy is applied with a 3/8" nap roller. Coverage will vary depending upon porosity and texture of surface.

A. Priming – When applying over sheet rock, use a quality sheet rock primer like ICI Gripper Multi-Purpose Primer or Glidden Gripper Primer. This will prevent the base coat from soaking into the sheet rock.
B. Base Coat - Pre-mix hardener and resin for 2-3 minutes with a slow speed Jiffler type mixer. Add 1 part DUR-A-GARD NO-SAG hardener to 2 parts DUR-A-GARD resin by volume. Mix with a slow speed Jiffler mixer

for 2 - 3 minutes. Apply at a spread rate of 250 Sq Ft per gallon.

C. Fiberglass Reinforcement – Hang PGM semi-rigid fiberglass mat directly into wet epoxy resin basecoat, (similar to hanging wallpaper) so that the seams are uniform and even. Overlap each strip and trim using a "double cut" method. Remove the trimmed material behind the front strip. After placing on the wall, use a broad knife and wallpaper brush to remove air pockets, wrinkles or irregularities. Immediately apply grout coat while fiberglass cloth is still wet. (see grout coat instructions)

D. Grout Coat – Pre-mix DUR-A-GARD NO-SAG hardener and DUR-A-GARD resin for 2 - 3 minutes with a slow speed Jiffler type mixer. Add 1 part DUR-A-GARD NO SAG hardener to 2 parts DUR-A-GARD resin by volume. Mix with a slow speed Jiffler type mixer for 2 - 3 minutes. Apply with a 3/8" nap roller at a rate of 100 Sq Ft per gallon. Re-roll area 30 minutes after initial roll to eliminate any drip lines. Allow to cure for a minimum of 10 - 12 hours before sanding off bumps and other imperfections.

E. Seal Coat – Repeat instructions for grout coat at a spread rate of 250 sq. ft. per gallon.

TOPCOAT INSTRUCTIONS

A urethane topcoat with a high gloss or satin finish is recommended for the DUR-A-WALL and DUR-A-WALL FGR systems. A urethane topcoat provides a high degree of abrasion resistance and should be used as a finish coat in any area where UV stability is critical. Refer to the Chemical Resistance Chart for performance characteristics to help determine which topcoat to use to meet the requirements of your particular application.

IMPORTANT: Be sure to pour the hardener into the mixing bucket first, when working with the epoxy, and vice versa when working with the urethane. Always scrape the sides and bottom of mixing container to assure thorough blending. Do not allow any water on coated surface for 24-48 hours. Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product. Use only as directed. KEEP OUT OF REACH OF CHILDREN.

Before using any DUR-A-FLEX, Inc. product, be sure the Material Safety Data Sheet is read and understood.