***INSTALLATION, USE AND CARE INSTRUCTIONS FOR***

**FLORIDA TILE - METAL ART RESIN TILES**

***METAL ART RESIN TILES***

**WHERE OUR TILES CAN BE INSTALLED:**

IT IS RECOMMENDED THAT THESE TILES ONLY BE USED ON INTERIOR WALLS. WE DO **NOT** RECOMMEND THESE TILES BE USED ON EXTERIOR WALLS, FLOORS OR IN WET AREAS.

THESE TILES CAN BE USED IN RESIDENTIAL AND COMMERCIAL BUILDINGS.

**INSTALLATIONS INSTRUCTIONS**:

FOLLOW GENERALLY ACCEPTED GOOD PRACTICES FOR INSTALLING CERAMIC TILES. PLEASE NOTE SPECIFIC INSTRUCTIONS FOR RESIN TILES:

**SETTING MATERIALS:**

FOR PROPER ADHESION, USE THE FOLLOWING SETTING MATERIALS:

**THIN-SET -** LIQUID LATEX FORTIFIED PREMIUM THIN-SET PORTLAND CEMENT MORTAR CONFORMING TO ANSI A118.4.

**EPOXY ADHESIVES -** A WATER SOLUBLE EPOXY MORTAR CONFORMING TO ANSI A118.3.

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**MASTICS & ADHESIVES -** USE A TYPE 1 ORGANIC ADHESIVE CONFIRMING TO ANSI A136.1 SUCH AS LATEX MASTIC ADHESIVE OR ACRYLIC LATEX ADHESIVE.

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**SETTING METHODS**:

USE ADHESIVE MANUFACTURER’S INSTRUCTIONS FOR PREPARATION, MIXING, APPLICATION AND CLEANUP.

A LAYER OF ADHESIVE SHOULD BE TROWELED ON THE BACK OF EACH TILE BEFORE SETTING IT ON THE ADHESIVE BED TO MAKE SURE YOU HAVE 100% COVERAGE.

**GROUTING MATERIALS**:

**CEMENT** – LIQUID LATEX FORTIFIED PREMIUM NON-SANDED GROUT CONFORMING TO ANSI A118.6.

**EPOXY** – A WATER SOLUBLE GROUTING EPOXY CONFORMING TO ANSI A118.3.

**GROUTING METHODS:**

THE MANUFACTURERS INSTRUCTIONS SHOULD BE FOLLOWED FOR PREPARATION, MIXING, APPLICATION AND CLEAN-UP.

A CLEAN, FOAM RUBBER FLOAT WITH SANDED PORTLAND CEMENT GROUT SHOULD BE USED. IT IS **NOT** RECOMMENDED THAT A HARD RUBBER FLOAT WITH SANDED PORTLAND CEMENT BE USED AS IT MAY HARM THE SURFACE OF THE RESIN TILE.

IN ORDER TO AID IN CLEAN-UP WE ADVISE PUTTING A HIGH GRADE PAINTERS TAPE OVER THE TILE AS HARDEN GROUT MAY BE DIFFICULT TO REMOVE.

NO ABRASIVE MATERIALS OR TOOLS (STEEL WOOL, SCOURING PADS. SANDPAPER) SHOULD BE USED TO REMOVE GROUT AS THESE WILL HARM THE SURFACE OF THE RESIN TILES.

**FLORIDA TILE - METAL ART RESIN**

**HIGH-TEMPERATURE INSTALLATION INSTRUCTIONS**:

THESE TILES ARE NOT RECOMMENDED FOR USE IN AREAS THAT WILL HAVE A SURFACE TEMPERATURE HIGHER THEN 212° F (100°C). THEY ARE NOT FOR INSTALLATION AS A HEAT SHIELD BEHIND A WOOD OR GAS STOVE OR BEHIND OR ABOVE AN OUTDOOR GRILL. THEY CAN BE USED BEHIND COOK TOPS BUT A MINIMUM DISTANCE OF 4.5” MUST BE KEPT BETWEEN TILED SURFACES AND BURNER ELEMENTS IN ORDER TO MAKE SURE THERE IS A PROPER BOND. FOR WALL AREAS DIRECTLY BEHIND AND WITHIN 18 INCHES ABOVE THE COOKING SURFACE, PLEASE REFER TO THE HIGH TEMPERATURE INSTALLATION INSTRUCTIONS THAT FOLLOW.

**AROUND FIREPLACES**:

THERE IS A US FEDERAL BUILDING CODE WHICH REQUIRE A MINIMUM CLEARANCE OF 6” FROM THE FIREPLACE OPENING. A MINIMUM CLEARANCE OF 12” ABOVE THE FIREPLACE NEEDS TO BE MAINTAINED WHEN USED ABOVE AND PROJECTING MORE THAN 1 ½” FROM A FIREPLACE FACE. CONSULT STATE AND LOCAL BUILDING CODES TO DETERMINE THE CLEARANCE REQUIRED FOR YOUR AREA. PLEASE SEE HIGH-TEMPERATURE INSTALLATION INSTRUCTION THAT FOLLOW.

**STEAM ROOMS** – TO ENSURE PROPER BOND, FOLLOW THE HIGH-TEMPERATURE INSTALLATION INSTRUCTIONS THAT FOLLOW.

**HIGH TEMPERATURE INSTALL INSTRUCTIONS**:

**FLORIDA TILE - METAL ART RESIN**

THE TILE SHOULD BE SET WITH A WATER SOLUBLE EPOXY MORTAR CONFORMING TO ANSI A118.3. THE GROUT SHOULD BE A WATER SOLUBLE GROUTING EPOXY CONFORMING TO ANSI A118.3. FOLLOW SETTING AND GROUTING INSTALLATION INSTRUCTIONS PREVIOUSLY STATED IN THIS DOCUMENT.

**AROUND FIREPLACES**:

THERE IS A US FEDERAL BUILDING CODE WHICH REQUIRE A MINIMUM CLEARANCE OF 6” FROM THE FIREPLACE OPENING. A MINIMUM CLEARANCE OF 12” ABOVE THE FIREPLACE NEEDS TO BE MAINTAINED WHEN USED ABOVE AND PROJECTING MORE THAN 1 ½” FROM A FIREPLACE FACE. CONSULT STATE AND LOCAL BUILDING CODES TO DETERMINE THE CLEARANCE REQUIRED FOR YOUR AREA. PLEASE SEE HIGH-TEMPERATURE INSTALLATION INSTRUCTION THAT FOLLOW.

**STEAM ROOMS** – TO ENSURE PROPER BOND, FOLLOW THE HIGH-TEMPERATURE INSTALLATION INSTRUCTIONS THAT FOLLOW.

**HIGH TEMPERATURE INSTALL INSTRUCTIONS**:

THE TILE SHOULD BE SET WITH A WATER SOLUBLE EPOXY MORTAR CONFORMING TO ANSI A118.3. THE GROUT SHOULD BE A WATER SOLUBLE GROUTING EPOXY CONFORMING TO ANSI A118.3. FOLLOW SETTING AND GROUTING INSTALLATION INSTRUCTIONS PREVIOUSLY STATED IN THIS DOCUMENT.

**CUTTING INSTRUCTIONS AND SAFETY TIPS**:

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IT IS RECOMMENDED THAT EYEWEAR PROTECTION BEEN WORN AND AN APPROVED DUST RESPIRATOR BE USED WHEN CUTTING, DRILLING OR GRINDING THESE TILES. IT IS BEST TO CUT OR MITERED TILES USING AN ABRASIVE WET-SAW. THEY CAN BE DRILLED WITH A HIGH-SPEED DRILL OR HOLE SAW OR ALSO CAN BE CUT OR DRILLED WITH A ROTARY SAW SUCH AS A DREMEL.

TILE CUTTERS THAT SCORE AND BREAK TILES SHOULD **NOT** BE USED.

**CARE AND MAINTENANCE**:

A NON-ABRASIVE LIQUID CLEANER IS RECOMMENDED. DO **NOT** USE ANY TYPE OF ABRASIVE PRODUCT TO CLEAN THESE TILES AS IT MAY SCRATCH THE PROTECTIVE COATING ON THE TILE. IT IS ALSO NOT RECOMMENDED USING BLEACH OR OTHER HARSH CHEMICALS ON THESE TILES.