

MASTER OF PLASTER TECHNICAL DATA SHEETS: **CAENSTONE**

## PLASTER STONE FINISHES

STONE PLASTERS HAVE ALWAYS BEEN VERY DETAILED AND INTRICATE FINISHES TO MASTER. THESE LIMESTONE AND GRANITE FINISHES WERE MOST POPULAR FROM THE LATTER PART OF THE 19<sup>TH</sup> CENTURY UP UNTIL AROUND THE 1940'S. CAENSTONE SPECIFICALLY IS KNOWN AS AN ASHLAR FACED LIMESTONE AND WHEN PROPERLY EXECUTED THE FINISHES ARE VIRTUALLY INDISTINGUISHABLE FROM EXISTING STONE.

MASTER OF PLASTER'S PRE-MIXED CAENSTONE FINISH IS A STUNNING ARRAY OF THE PLASTER'S COMPOSITION AND IS EVERY BIT AS VISUALLY APPEALING AS THE TRADITIONAL STONE QUARRIED DISTINCTIVELY OUT OF CAEN, FRANCE.

MASTER OF PLASTER LIMESTONE FINISH IS A MICACIOUS ADAPTATION OF THE ORIGINAL LIME PLASTER, WITH A COARSER COLORED AGGREGATE IN ADDITION TO MARBLE DUST AND A PROPRIETARY MIX OF ORGANIC MATERIALS.

## PREPARATION:

MATERIAL SHOULD BE APPLIED TO SURFACES THAT ARE CLEAN AND FREE OF DUST, DIRT, AND OILS. IF MATERIAL IS BEING APPLIED TO NEW SHEETROCK, BLUEBOARD, OR ROCK LATH ALL JOINTS MUST BE TAPED USING SELF ADHESIVE MESH TAPE. IT IS BEST TO FILL TAPERED JOINTS WITH BASECOAT TO LEVEL. MESH TAPE CAN EITHER BE BEDDED IN WET MATERIAL OR APPLIED TO THE SURFACE AFTER IT HAS DRIED. SINK ALL NAIL OR SCREW HEADS AND COVER WITH A SMALL SQUARE OF MESH TAPE.

IF MATERIAL IS BEING APPLIED TO EXISTING PAINTED PLASTER SURFACES, REMOVE ANY LOOSE OR SPAULING PAINT. SURFACES SHOULD BE CLEAN AND FREE OF DUST, DIRT, AND OILS. TEST FOR CALCIMINE AND REMOVE IF ANY IS FOUND. LARGE CRACKS SHOULD BE COVERED WITH MESH TAPE.

EXTENSIVE "NETWORK" OR "MAPLINE" CRACKING SHOULD BE COVERED WITH WIDER MESH TAPE, AVAILABLE IN 36" WIDE ROLLS. LOOSE PLASTER SHOULD BE REMOVED AND PATCHED WITH STRUCTOLITE OR COMPARABLE MATERIAL OR REATTACHED USING SCREWS AND PLASTER WASHERS.

PATCH ANY LARGE HOLES OR VOIDS IN PLASTER USING STRUCTOLITE OR PEARLITE, LEVEL TO EXISTING FINISHED SURFACE. HOLES MAY ALSO BE PATCHED USING SHEET ROCK OR OTHER LIKE MATERIAL. CUT SHEET ROCK AS CLOSELY AS POSSIBLE TO THE SHAPE OF THE HOLE. SHIM THE SHEETROCK AS CLOSE TO EXISTING FINISHED SURFACE AS POSSIBLE. FILL AROUND EDGES WITH MOP BASECOAT. ALLOW TO DRY OVERNIGHT. IF LARGE VOIDS ARE FILLED, SOME MINOR SHRINK CRACKING MAY OCCUR. ALLOW TO DRY COMPLETELY AND REFILL FLUSH WITH SURFACE. TAPE EDGE OF PATCH WITH SELF-ADHESIVE MESH TAPE. MAKE SURE TAPE COVERS BOTH THE PATCH AND THE EXISTING PLASTER SURFACES. SKIM ENTIRE WALL AND CEILING SURFACES, INCLUDING PATCH, USING MOP BASECOAT. IF GOING OVER REPAIRS MADE IN STRUCTOLITE OR SIMILAR MATERIAL, IT IS ADVISABLE THAT THE REPAIR BE COATED WITH A "STAIN KILLER" SUCH AS BIN PRIOR TO APPLYING THE FIRST COAT OF BASECOAT. THIS WILL PREVENT THE REPAIR FROM



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SHOWING THROUGH THE OVERLYING COATS. IT IS ONLY NECESSARY TO PRIME THE REPAIR, NOT THE ENTIRE SURFACE. IF GOING OVER A NEW PLASTER WALL IT IS NOT NECESSARY TO PRIME.

## APPLICATION:

MASTER OF PLASTER STONE FINISHES ARE FORMULATED TO BE APPLIED IN A THREE-STEP PROCESS INVOLVING THREE COAT APPLICATIONS OF MOP PLASTER. THE FIRST COAT IS A WHITE BASECOAT USED TO TRUE THE SUBSTRATE. THE SECOND APPLICATION IS A TINTED BASECOAT THAT SERVES AS THE JOINT LINE AND THE FINAL PLASTER APPLICATION IS A COAT OF THE CAENSTONE FINISH PLASTER.

USE MATERIAL DIRECTLY FROM THE CONTAINER. IT IS NOT NECESSARY TO MIX OR ADD WATER. MATERIAL IS BEST APPLIED USING A HAWK AND STANDARD SIZE 3" X 10" STAINLESS STEEL TROWEL. MASTER OF PLASTER BASECOAT IS SELF LEVELING. APPLY BASECOAT TO ALL SURFACES IN A FAIRLY THIN DEPTH. AS THE MATERIAL STARTS TO SET (APPROX. 15 TO 20 MINUTES) GO BACK OVER WORK AND TROWEL AS SMOOTH AS POSSIBLE (SOME RIDGES AND TROWEL MARKS WILL REMAIN). ALLOW THE MATERIAL TO SET 4 – 5 HOURS, OVERNIGHT IS BEST.

WHEN THE BASECOAT HAS DRIED APPLY A SECOND COAT – SPREADING THE MATERIAL OUT THIN WITHOUT A HEAVY LAYING ON OF MATERIAL, AT THIS TIME THE TINTED BASECOAT WILL SERVE AS YOUR JOINT LINE LAYER. AS THE MATERIAL BEGINS TO SET (APPROX. 10 TO 15 MINUTES) USE A SMALL SPRAY BOTTLE TO LIGHTLY MIST THE AREA WITH WATER AND SMOOTH THE MATERIAL REMOVING ALL TROWEL MARKS AND BLEMISHES. SINCE MOP FEATHERS OUT AND BLENDS EASILY IT IS POSSIBLE TO WORK SMALLER AREAS RATHER THAN HAVING TO DO ONE LARGE AREA AT A TIME. JUST KEEP THE EDGES OF THE AREA WET AND THE MATERIAL WILL BLEND TOGETHER EASILY. MASTER OF PLASTER IS A VERY FORGIVING SYSTEM. IF AN AREA BECOMES TOO DRY, OR A FEW TROWEL MARKS REMAIN, JUST RE-WET AND TROWEL THE AREA UNTIL THE DESIRED EFFECT IS ACHIEVED.

AFTER THE SECOND BASECOAT HAS DRIED, APPLY THE FINISH COAT SLIGHTLY HEAVIER THAN THE SECOND BASECOAT. THE FINISH COAT HAS A COARSER AGGREGATE SO IT NEEDS TO BE APPLIED THICKER TO LEVEL. AS THE FINISH COAT JUST BEGINS TO SET, SKIM THE SURFACE WITH A WOODEN FLOAT. THIS PROCESS BRINGS THE COARSER AGGREGATE TO THE SURFACE AND CAUSES IT TO SCRATCH THE SURFACE. THIS IS THE EFFECT YOU DESIRE AT THIS POINT, THE MORE SCRATCHES THE BETTER. AS THE FINISH BEGINS TO SET AGAIN LIGHTLY SPRAY THE SURFACE WITH A SPRAY BOTTLE AND RE-TROWEL. AS YOU RE-TROWEL THE SCRATCHES WILL BEGIN TO FILL IN AND THE COARSE AGGREGATE WILL SINK BACK INTO THE FINISH. KEEP TROWELING UNTIL THE DESIRED EFFECT IS ACHIEVED. IT IS DESIRABLE TO HAVE SOME OF THE SCRATCHES REMAIN. ONCE THE FINISH COAT HAS DRIED (APPROX. 12 HOURS) YOU ARE THEN ABLE TO LAY OUT AND STRIKE THE JOINT LINES. NO SPECIAL TOOLS ARE REQUIRED TO CUT THE JOINT LINES - YOU CAN SIMPLE USE ANY TOOL FROM A NAIL TO A "CHURCH KEY" (CAN OPENER). THE CHURCH KEY WILL GIVE A NICE "V" JOINT. USE A HARD STRAIGHT EDGE AS A GUIDE WHEN STRIKING JOINTS. KEEP LINES STRAIGHT AND TRUE. SOME CHIPPING WILL OCCUR WHILE CUTTING. AGAIN, THIS IS THE DESIRED EFFECT AND SHOULD NOT BE WORKED TO CREATE CLEAN, SMOOTH EDGES. MAKE SURE TO NOT CUT THROUGH THE SECOND BASECOAT TO THE UNDERLYING FIRST WHITE BASECOAT. FOLLOWING THESE INSTRUCTIONS WILL PRODUCE AN AUTHENTIC ASHLAR FACE LIMESTONE FINISH. HOWEVER WE DO ENCOURAGE EXPERIMENTATION WITH DIFFERENT TREATMENTS AND TECHNIQUES. SPONGING WILL PRODUCE A COARSE FINISH WHILE DRAGGING A WHISK BROOM ACROSS THE SURFACE BEFORE RE-TROWELING WILL PRODUCE ADDED INTEREST. AFTER THE MATERIAL HAS SET YOU CAN GENTLY CUT SOME OF THE BLOCKS WITH A TOOTHED STONE CHISEL TO LEAVE QUARRY MARKS. ALWAYS COMPLETE SAMPLE BOARDS PRIOR TO UNDERTAKING A PROJECT. MASTER OF PLASTER STONE FINISH COMES IN A NATURAL OFF-WHITE COLOR DUE TO THE NATURAL COLORATION OF THE AGGREGATES USED IN THE FORMULATION. HOWEVER, CUSTOM COLORS CAN BE MIXED TO MATCH EXISTING STONE FINISHES OR NEW COLORS FOR A SPECIFIC PROJECT.



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**COVERAGE:**

BASECOAT: 150 – 170 SQ. FT. PER 5 GALLON PAIL.

BASECOAT JOINT COLOR: 150 – 170 SQ. FT. PER 5 GALLON PAIL

FINISHCOAT: 125 – 150 SQ. FT. PER 5 GALLON PAIL

**DRYING TIME:**

FOR BEST RESULTS, 4 TO 6 HOURS DRYING TIME AT TEMPERATURES ABOVE 50 DEGREES IS RECOMMENDED BETWEEN COATS. IT IS BEST TO ALLOW UP TO A FULL DAY'S DRYING TIME BUT THE TIMING DEPENDS UPON HUMIDITY LEVELS AND TEMPERATURES. A HOT, DRY HEAT WILL SPEED UP THE DRYING TIME WHILE A COLD, DAMP ENVIRONMENT WILL SLOW DOWN THE PROCESS. ALWAYS INSPECT THE ENTIRE WALL TO BE SURE OF COMPLETE CURING.

**CLEAN UP:**

WASH TOOLS WITH WATER. WIPE DRY TO PREVENT RUSTING.

**STORAGE:**

KEEP CONTAINERS TIGHTLY CLOSED. AFTER MATERIAL HAS BEEN REMOVED, REPLACE COVER. TO PRESERVE REMAINING MATERIAL AT THE END OF A PROJECT SCRAPE SIDES OF BUCKET AND COVER WITH A THIN LAYER OF WATER. THE UNUSED MATERIAL WILL KEEP FOR SUBSEQUENT YEARS FOLLOWING THESE PRACTICES – AVOID FREEZE AND THAW CYCLES DURING STORAGE.

SHELF LIFE OF UNOPENED MATERIAL IS 2 YEARS. DO NOT STORE OUTSIDE. KEEP OUT OF DIRECT SUNLIGHT. PROTECT FROM FREEZING.

**CAUTION:**

MASTER OF PLASTER WAS DESIGNED **NOT** TO BE SANDED. THIS PRODUCT CONTAINS MICA. LONG TERM BREATHING OF LARGE AMOUNTS OF MICA DUST MAY CAUSE LUNG DISEASE. DO NOT SAND. USE OF SAFETY GLASSES IS RECOMMENDED. KEEP OUT OF REACH OF CHILDREN.

**LIABILITY:**

WE SHALL NOT BE LIABLE FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, DIRECTLY OR INDIRECTLY SUSTAINED, NOR FOR ANY LOSS CAUSED BY APPLICATION OF THESE GOODS NOT IN ACCORDANCE WITH CURRENT PRINTED INSTRUCTIONS OR FOR OTHER THAN INTENDED USE. OUR LIABILITY IS EXPRESSLY LIMITED TO REPLACEMENT OF DEFECTIVE GOODS.

RECOMMENDATIONS FOR APPLICATION ARE INTENDED TO PROVIDE ASSISTANCE IN THE SELECTION OF OUR PRODUCTS AND DO NOT ESTABLISH A DETERMINED RELATIONSHIP. IN PARTICULAR, THEY DO NOT RELEASE THOSE BOTH PURCHASING AND APPLYING THE MATERIALS FROM THE DUTY OF ESTABLISHING FOR THEMSELVES, WITH DUE CARE, THE SUITABILITY OF OUR PRODUCTS FOR THE INTENDED APPLICATION. STANDARD BUILDING INDUSTRY PRACTICES MUST ALWAYS BE COMPLIED WITH. MASTER OF PLASTER RETAINS THE RIGHT TO ADJUST AND MODIFY THE PRODUCTS OR THEIR APPLICATION.



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