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PREVENTION AND CURE OF RUST  
IN  
RED TOP\* AUDICOTE\* ACOUSTICAL PLASTER

PLAINTIFF'S EXHIBIT

USG-1407

MIGRATION OF RUST TO PLASTER SURFACES CAN BE A SERIOUS PROBLEM WITH ANY PLASTER THAT COMES INTO DIRECT CONTACT WITH EXPOSED METAL, EVEN THOUGH THE MAXIMUM RUST INHIBITORS ARE BUILT INTO PLASTER PRODUCTS AT THE FACTORY. RUSTING PROBLEMS CAN BE AVERTED BY PROPER PREVENTIVE MEASURES OR CURED WHEN THEY DO OCCUR.

PREVENTION

MONOLITHIC CONCRETE

ANY EXPOSED STEEL SUCH AS REINFORCING BAR CHAIR LEGS OR NAIL HEADS IN THE EXPOSED SURFACE OF THE CONCRETE SHOULD BE HELD TO A MINIMUM. THOSE THAT DO SHOW SHOULD BE COATED WITH A RUST INHIBITIVE PAINT. ✓

SUSPENDED METAL LATH CEILINGS

LATHERS SHOULD TURN UP THE WIRE ENDS TO PREVENT THEIR PROJECTING INTO BASECOAT PLASTER. USE OF MONEL METAL TIE WIRE IS PREFERRED. BASECOAT PLASTER SHOULD BE APPLIED TO FULL SPECIFIED THICKNESS. APPLY AUDICOTE ACOUSTICAL PLASTER IN THE SPECIFIED MANNER TO SEMI-GREEN TO DRY (BUT NOT BONE DRY) BASECOAT. VENTILATE JOB TO PERMIT UNIFORM, RAPID, BUT NOT FORCED DRYING. PROVIDE HEAT IF NECESSARY.

SOME PLASTERERS PREFER TO TAKE AN ADDED PREVENTIVE MEASURE. THIS IS TO SCRATCH TIGHTLY (NOT MORE THAN 1/16" THICK) A MIXTURE OF AUDICOTE AND LIME TO THE BROWN COAT. THIS MIXTURE IS MADE UP OF ONE PART OF LIME PUTTY TO FOUR PARTS OF MIXED AUDICOTE PLASTER, BLENDED THOROUGHLY. THE MIXING IS DONE ON THE BOARD, NOT IN THE MIXER. USE OF THE MIXER WITHOUT THOROUGH CLEANING, COULD CONTAMINATE THE STRAIGHT AUDICOTE WHICH IS APPLIED IMMEDIATELY.

CURE

RUST ON BASECOAT PLASTER SURFACE

APPLY COAT OF PAINT OTHER THAN WATER THINNED OVER RUST SPOTS OR AREAS. WHEN DRY, APPLY FIRST COAT OF AUDICOTE. AN ALTERNATE METHOD COVERS SPRAYING ENTIRE BASECOAT SURFACE OF 2% SOLUTION OF NOX-RUST HYDRIN.<sup>1</sup>

RUST ON AUDICOTE PLASTER

WHERE FIRST COAT OF AUDICOTE IS AFFECTED, SPRAY RUSTED SURFACE WITH 2% SOLUTION OF NOX-RUST HYDRIN AND FOLLOW WITH FINISH COAT OF AUDICOTE. WHERE FINISHED AUDICOTE SURFACE IS RUSTED, SPRAY SURFACE WITH 2% SOLUTION OF NOX-RUST HYDRIN AND FOLLOW WITH ADDED THIN FINISH COAT OF AUDICOTE PLASTER.

THERE HAVE BEEN JOBS WHERE ISOLATED RUST SPOTS HAVE BEEN HANDLED SATISFACTORILY BY EITHER CAREFUL TOUCH UP WITH PAINT OR TOUCH UP WITH RUST INHIBITIVE PAINT AND A VERY SLIGHT SPOT SPRAY OF THE AUDICOTE.

<sup>1</sup>MANUFACTURED BY DAUBERT CHEMICAL CO., 4700 SO. CENTRAL AVE., CHICAGO 38, ILL.