

ROLCO AQUASIZE GILDING ADHESIVE

A CLEAR WATER-BASED GILDING ADHESIVE (SIZE) FORMULATED, FOR ALL INTERIOR LEAF AND VERTICAL EXTERIOR GILDING WORK, WHERE EXTENDED TACK TIME IS REQUIRED.

AQUASIZE DOES NOT CONTAIN ANY OILS AND THEREFORE IT IS AN EXCELLENT GILDING ADHESIVE WHICH WILL NOT STAIN PAPERS OR ABSORBENT MATERIALS THAT WOULD NORMALLY STAIN WITH OIL TYPE SIZES. IT CAN BE UTILIZED AS AN ADHESIVE FOR OTHER DECORATIVE MEDIUMS SUCH AS GLASS BEADS, GLITTERS AND PEARLESCENT MICAS. IT CAN ALSO BE USED WHERE A 2 PART CONVERSION PROTECTIVE COATING IS APPLIED IN ORDER TO PREVENT LIFTING, WHICH MAY OCCUR, WHEN AN OIL OR SOLVENT BASED SIZE IS USED. IT IS EMISSION SAFE WITH NO FIRE HAZARD AND MINIMUM TOXICITY. IT AFFORDS EXCELLENT FLEXIBILITY AND A LONG TACK TIME FOR SURFACE GILDING APPLICATIONS. ROLCO'S AQUASIZE WILL DEVELOP TACK IN APPROXIMATELY 15 TO 20 MINUTES. THE TACK WILL GENERALLY HOLD FOR APPROXIMATELY 36 TO 48 OR MORE HOURS. IT SHOULD BE NOTED THAT TACK AND DRY TIMES ARE SUBJECTIVE TO THE USER AND ARE APPROXIMATE DEPENDING ON THE AMBIENT TEMPERATURE AND HUMIDITY. ANY VERTICAL SURFACE THAT DOES NOT PERMIT WATER ACCUMULATION IS A VIABLE END USE.

DIRECTIONS FOR USE:

SURFACE PREPARATION IS IMPORTANT FOR THE INTEGRITY OF THE GILDING PROCESS. ALL SURFACES MUST BE CLEAN, DRY AND FREE FROM CONTAMINANTS SUCH AS OILS, WAXES , DUST AND FINGERPRINTS.

THE SURFACES MUST BE CLEANED THOROUGHLY. GLASS SURFACES SHOULD BE CLEANED WITH A LINT FREE CLOTH WETTED WITH ALCOHOL. WIPE SURFACES WITH A CLEAN CLOTH AND REPEAT. CLEAN PAINTED SURFACES WITH MINERAL SPIRITS OR NAPHTHA. CLEAN IN CONTINUOUS WIPES IN A SINGLE DIRECTION. REVERSING THE DIRECTION WILL REDEPOSIT ANY CONTAMINANTS ON THE CLEANED SURFACE. CHANGE CLOTHS FREQUENTLY AND BE SURE TO SPREAD OUT THE CLOTHS IN AN OPEN AREA AFTER USING TO ALLOW THE SOLVENT TO EVAPORATE AND TO PREVENT SPONTANEOUS COMBUSTION.

NON POROUS SURFACES AND FINISHES SHOULD BE THOROUGHLY DRY, HARDENED AND LIGHTLY SANDED TO ALLOW THE SIZE TO ADHERE TO THE SUBSTRATE, PARTICULARLY WHEN GLOSS OIL FINISHES AND ENAMELS ARE PRESENT. WHEN THERE IS A PREVIOUSLY APPLIED COATING OR FINISH, THE APPLICATOR SHOULD TEST A SMALL AREA FOR COMPATIBILITY BEFORE PROCEEDING. IF PRECOATING OR PRIMING IS REQUIRED, IT IS RECOMMENDED THAT ROLCO'S COMPATIBLE BURNISH/SEALERS BE UTILIZED. SEE THE DATA SHEET FOR BURNISH/SEALERS. FOR ANY UNCOATED OR SEALED POROUS SURFACES SUCH AS PAPER, CARDBOARD, FABRIC OR WOOD ADDITIONAL APPLICATIONS MAY BE REQUIRED. THE PERIOD OF TIME BETWEEN THESE APPLICATIONS SHOULD BE NO LESS THAN 24 HOURS.

APPLICATION:

APPLICATION OF THE AQUASIZE CAN BE BY BRUSH OR SPRAYED. DO NOT ADD WATER BASED COLORS UNLESS THE BLEND HAS BEEN TESTED TO PRODUCE THE DESIRED EFFECT WITHOUT DEGRADATION.

IN AS MUCH AS THE SIZE MAY APPEAR UNIFORM IN APPEARANCE, IT SHOULD BE STIRRED AND MIXED THOROUGHLY. MIX SLOWLY TO PREVENT ENTRAPMENT OF AIR THEREBY CREATING BUBBLES WHEN APPLIED. IDEAL CONDITIONS FOR APPLICATION

IS THAT THE SIZE SHOULD BE APPLIED AT 65 TO 75 DEGREES FARENHEIDT AND 40 TO 60 DEGREES OF RELATIVE HUMIDITY. DIFFERING CONDITIONS WILL COMPROMISE FILM INTEGRITY AS WELL AS AFFECTING TACK AND DRY TIMES.

THE SIZE MAY BE APPLIED AT THE VISCOSITY AS RECEIVED. IF THINNING FOR SPRAYING IS NECESSARY, THEN ADD WATER SPARINGLY. SPRAY BY FAST MOVEMENT AND APPLY THIN COATS TO PREVENT RUN ON VERTICAL SURFACES. IF REQUIRED WAIT 1 TO 2 HOURS BETWEEN NEW SPRAY COATS AND 10 TO 12 HOURS BETWEEN BRUSHED COATS.

IF CERTAIN BRUSHES OR APPLICATORS PRODUCE UNWANTED BRUSH STROKES OR AN UNEVEN SURFACE, DILUTE THE AQUASIZE WITH APPROXIMATELY 2 PER-CENT WATER. (START WITH ¼ LIQUID OZ. PER PINT WITH A MAXIMUM OF ½ LIQUID OZ. PER PINT.)

AFTER THE SIZE IS APPLIED AND THE SPECIFIED TIME OF ACHIEVING TACK ARRIVES, IT SHOULD HAVE A SLIGHT STICKY FEELING. TEST THE APPLIED SIZE BY APPLYING A KNUCKLE TO THE SURFACE. THE PROPER TACK IS WHEN THE SIZE DOES NOT STICK TO THE KNUCKLE AND YOU HEAR A SLIGHT "TICK" WHEN THE KNUCKLE IS PULLED AWAY. IF THE SIZE IS APPLIED TOO HEAVILY THE SIZE MAY NOT LEVEL OUT AND THE APPLIED LEAF MAY NOT BE SMOOTH. WHEN THE PROPER TACK IS ACHIEVED, LAY DOWN THE LEAF AND INSURE THAT ALL OF THE SIZED AREAS ARE COVERED. THEN RUB LIGHTLY WITH A PIECE OF FLANNEL CLOTH OR COTTON TO INSURE THAT ALL OF THE LEAF IS ADHERING EVENLY. IF TRUE GOLD LEAF IS TO BE BURNISHED, THEN DO SO BY FURTHER RUBBING OR BY THE USE OF AN AGATE TYPE BURNISHER.

IT IS IMPORTANT THAT ALL POROUS SURFACES SUCH AS RAW WOOD, PLASTER, STONE, ETC. BE SEALED. ROLCO'S BURNISH/SEALERS ARE A COMPATIBLE IDEAL MEDIUM WHICH CAN BE ALSO APPLIED IN LIEU OF GESSO AND BOLE. SEE DATA SHEET FOR THE BURNISH/SEALERS.

ONE CAN ASSUME THAT THE COVERAGE FOR THE SIZE ON A SEALED NON POROUS AREA IS APPROXIMATELY 500 TO 600 SQUARE FEET PER GALLON AT A NOMINAL THICKNESS OF ONE MIL.

IF THE AREA TO BE GILDED MAY BE SUBJECT TO ABRASION OR IF NECESSARY TO ASSIST IN PROTECTING COMPOSITION LEAF FROM DISCOLORING, ONE SHOULD CONSIDER OVER COATING WITH ROLCO'S ACRYLIC OR AQUA-CLEAR TOP COAT. SEE DATA SHEET FOR THE TOP COAT.

DUE TO THE WATER CONTENT OF THE AQUASIZE, IT IS IMPORTANT THAT IT BE PROTECTED FROM FREEZING.

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