



AVECS™ RE-ACT TOPICALLY APPLIED SYSTEM DATA SHEET
AVECS.BUILD 1-800-VECS-658

PRODUCT DESCRIPTION:

PRIMARY USE OF **AVECS RE-ACT** TOPICALLY APPLIED SYSTEM IS TO CEASE WATER MIGRATION OUT OF OR THROUGH THE CONCRETE SLABS FOR ON-GRADE, BELOW-GRADE, ELEVATED DECKS AND CERTAIN ROOF APPLICATIONS WHICH WOULD NORMALLY BE SUSCEPTIBLE TO WATER EMITTING OUT OF OR THROUGH THE SLAB IN THE FORM OF VAPOR AND POTENTIALLY CAUSE DELAMINATION OF ADHERED FINISHES.

ADVANTAGES:

USE OF **AVECS RE-ACT** ASSURES ARCHITECTS, END-USERS, G & FLOORING CONTRACTORS THAT FLOORING FINISHES WILL NOT DE-BOND DUE TO MOISTURE OUT OF OR THROUGH CAPILLARY SYSTEM FROM OTHERWISE FREE MOVING WATER OF CONVENIENCE IN THE CONCRETE AND ELIMINATES PROJECT DELAYS/COST OVERRUNS FROM SAID FREE WATER. EXCELLENT FOR BELOW GRADE, ON-GRADE, AND ABOVE GRADE SLABS AND ROOF APPLICATIONS WHERE MOISTURE PRESENCE PRECLUDES INSTALLATION OF FLOORING FINISHES.

OTHER SIDE BENEFITS:

- CREATES BOTH POSITIVE AND NEGATIVE BARRIER WITHIN THE CONCRETE SLAB
- STOPS HYDROSTATIC PRESSURE, CAPILLARY ACTION AND, ULTIMATELY, MOISTURE MIGRATION WHICH CAUSES DELAMINATION
- **AVECS RE-ACT** IS A SILICATE BASED PENETRATING SEALER WHICH CAPTURES FREE WATER UP TO 3" DEEP INTO SLAB
- INTERACTS WITH EXCESS PORTLAND AND LIME BY FORMING CSH GEL AND TURNING FREE WATER INTO NON-FREE WATER PERMANENTLY
- HELPS INHIBIT RADON GAS PENETRATION THROUGH CAPILLARY SYSTEM

TECHNICAL DATA:

ENVIRONMENTAL- **AVECS RE-ACT** IS 100% VOC FREE AND POSES ZERO THREAT TO THE ENVIRONMENT.

INSTALLATION/PREPARATION:

EITHER BEAD BLAST USING 390 SHOT OR USE A PLANETARY GRINDER, 32" LAVINA CB BLADES (ACCEPTABLE BRANDS ARE EXTREME GRINDER, LAVINA, CUTTERS OR EQUAL) TO ACHIEVE AN ICRI (INTERNATIONAL CONCRETE REPAIR INSTITUTE) PROFILE 4 or 5. THIS IS **REQUIRED BY AVECS**. THE SURFACE, AFTER SHOT BLASTING OR GRINDING IS COMPLETED, SHOULD BE WHITE IN COLOR WITH NO VISIBLE SIGNS OF CURING AGENTS OR OTHER TYPES OF CONCRETE FINISHED SURFACE SUCH AS EPOXY BASED PATCH. AFTER BEAD BLASTING OR GRINDING, MAKE SURE THE SURFACE IS CLEAN, WITH NO SIGNS OF DIRT, OIL, UNKNOWN RESIDUES, OR ADHESIVES ETC. ALL LOOSE MATERIALS AND DIRT MUST BE REMOVED FROM CRACKS BY WAY OF CRACK CHASING AND CLEANED OUT FIRST BEFORE INSTALLATION OF **AVECS RE-ACT** IN ORDER FOR RE-ACT APPLICATION AND INSTALLATION OF **AVECS PRO-FILL** FOR PROPER BONDING AND PENETRATION TO OCCUR.

APPLICATION (FLOORING FINISHES):

AFTER SLAB IS CLEANED BY RINSING SURFACE AND WET VACUUMING OFF USE A LOW PRESSURE SPRAYER AND APPLY ONE GENEROUS COAT OF **AVECS RE-ACT** MAKING SURE TO OVERLAP ROWS TO ENSURE COVERAGE. USE CLEAN BRISTLE BROOMS TO AGITATE MATERIAL INTO SLAB TO ENSURE TOTAL COVERAGE. AS MATERIAL STARTS TO PENETRATE INTO SLAB RINSE SLAB DOWN COMPLETELY TO ASSIST MATERIAL PENETRATION THROUGH GRAVITY. BEFORE SLAB DRIES FEEL FOR EXCESS RESIDUE ON YOUR FINGERS. IF FOUND, RINSE SLAB AGAIN WITH WATER AND BRISTLE BROOM AS IN STEP ONE UNTIL RESIDUE IS NO LONGER FELT. IF FOUND, RINSE AND BROOM AGAIN. ALLOW SLAB TO DRY COMPLETELY AND ADDRESS SAW CUTS AND NON-MOVABLE EXPANSION JOINTS USING **AVECS FILL** (SEE FILL DATA SHEET)

RE-PROFILING SURFACE:

AVECS RE-ACT AND **AVECS PRO-FILL** ARE COMPATIBLE WITH ALL SURFACE SKIM COATS, SELF-LEVELERS AND PATCHING MATERIALS AND CAN EITHER BE PERFORMED BY FLOORING CONTRACTOR OR **AVECS** APPROVED INSTALLATION CREW.

FLOORING INSTALLATION:

FLOORING INSTALLATION CAN TAKE PLACE IMMEDIATELY AFTER SLAB IS COMPLETELY DRY AND **AVECS PRO-FILL** HAS COMPLETELY DRIED.

COMPATIBILITY:

AVECS PRODUCTS ARE COMPATIBLE WITH ALL FLOORCOVERING, ADHESIVE, PATCHING COMPOUND AND SELF-LEVELER.

PRECAUTIONS:

AVECS ONLY USES CERTIFIED CREWS TO INSTALL ITS PRODUCTS. AN **AVECS** APPROVED REPRESENTATIVE MUST BE PRESENT FOR INSTALLATION AND PLACEMENT OF **AVECS RE-ACT** & **AVECS PRO-FILL**. GENERAL CONTRACTOR MUST NOT PROCEED WITHOUT THE APPROVED **AVECS** REPRESENTATIVE BEING PRESENT WITHOUT PRIOR WRITTEN APPROVAL FROM **AVECS**. FOR CERTIFICATION PLEASE CONTACT **AVECS** AT INFO@AVECS.BUILD

STORAGE:

STORE **AVECS RE-ACT** ABOVE 45 DEGREES AND DO NOT ALLOW IT TO FREEZE. PRODUCT SEPERATION MAY OCCUR REQUIRING AGITATION.

WARRANTY: THE **AVECS RE-ACT** WAS DEVELOPED PRIMARILY FOR INTERIOR SLABS TO ELIMINATE MOISTURE RELATED ISSUES FROM WATER VAPOR IN OR THROUGH THE SLAB AND EXCEEDS ALL GUIDELINES PERTAINING TO MOISTURE RELATED FAILURES ESTABLISHED BY FLOORING MANUFACTURERS. **AVECS RE-ACT** CARRIES A FIFTEEN (15) YEAR WARRANTY IF USED IN CONJUNCTION WITH **AVECS PRO-FILL**.

FOR INFORMATION OR TECHNICAL ASSISTANCE CONTACT INFO@AVECS.BUILD OR CALL 1-800-VECS-658