

FROM: **APPLIED POLYMERS** OF AMERICA, INC.

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FOR IMMEDIATE RELEASE

ZAKIM AWARDED PATENT FOR UNIQUE BUILDING SYSTEM

Gerald Zakim of Wayne, N.J. received U.S. Patent #3,605,366 for composite laminate construction of buildings, parking garages and the like, particularly where dissimilar materials of construction meet.

This system is licensed to APPLIED POLYMERS OF AMERICA, INC., CLIFTON, N.J., and is marketed as URELOID ONE PART & URELASTIC (2 part) isolation/bondbreaker/adhesive. Mr. Zakim is president of the Clifton firm.

Use of the system provides the architect and engineer a broad new range of design opportunities allowing for a limitless variety of interesting configurations and color patterns at substantial savings over conventional construction with improved performance.

Applications to which this invention is suitable are natural and synthetic stone faced panels backed with precast concrete or other backing materials. Another notable use of the invention is construction of parking decks and other precast/preformed surfaces and/or cast-in-place where use of this method eliminates the problem of stress, cracking, spalling, subsequent leaks, etc., of the surfaces, both support and facing.

ADVANTAGES OF THE SYSTEM

Fluid application permits and provides intimate contact to substrate, provides flow around anchors, eliminates possibility of air pockets and voids in the surfaces regardless of variations in size or contour.

Complete edge seal waterproofing by virtue of low modulus/adhesion of fluid application protect integrally from the elements.

Acts as excellent vapor barrier avoiding dew point at interface.

Compensates for difference in **RATE** of thermal movement of the different surfaces.

Eliminates abrading and wearing action on anchors to abutting surfaces.

Low modulus of elasticity and complete elastic recovery permits distribution of forces, lessening strain and subsequent cracking, also acts as a vibration damper.

Non-structural adhesion eliminates moisture entry to interface, and provides a safety factor to anchorage.

Further information is available from the manufacturer.