PRODUCT DESCRIPTION:	
SIZE:	30mm X 30mm (1.18” X 1.18”)
PACKAGING:	10meters (33 feet per case) 30 lbs per case
PROPERTIES:	
Hardness	A33
Tensile Strength	6 MPa
Elongation	800%
Volume % Change	170% (approximately 3 times)
Vulcanization	Yes
Specific Gravity	1.18
Tested by press sheet of KM compound	
Property values are representative values and not specification values	

GENERAL DESCRIPTION:

ADEKA ULTRASEAL® KM-3030M is a chemically modified natural rubber (vulcanized) product. The manufacturing process chemically bonds a hydrophilic agent to the rubber. This permits the seal to undergo controlled expansion when exposed to moisture. This expansion capability provides a "double locking" waterstop i.e. one from rubber's natural resilience and one from expansion pressure generated when it is exposed to water. KM-3030M will expand approximately 3 times by volume.

Expansion occurs in three dimensions - width, height, and length. KM-3030M has a unique stainless steel wire mesh embedded within the material. The wire mesh eliminates unnecessary expansion in the length and width dimensions. When fastened to concrete, the wire mesh prevents "winding" action and directs the expansion.

KM-3030M has excellent durability and resistance to chemical contaminants. It can perform in a wide range of solutions such as seawater or cement water. The material does not contain any toxic substance or heavy metals and is environmentally safe.

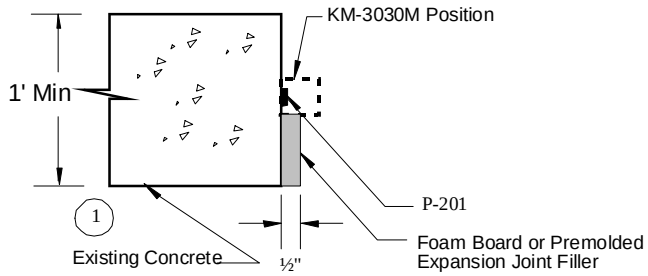
BASIC USE:

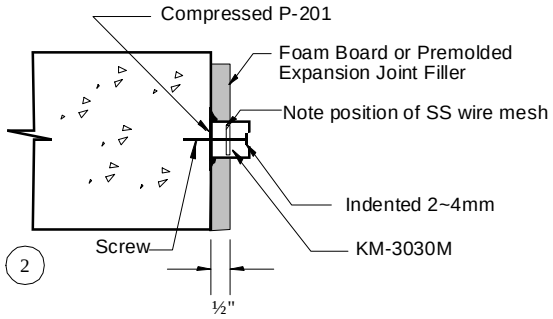
Used in expansion joints (see installation guide for installation parameters), isolation joints and in construction / cold joints where concrete thickness exceeds 30 inches. Check concrete coverage chart before using KM-3030M.

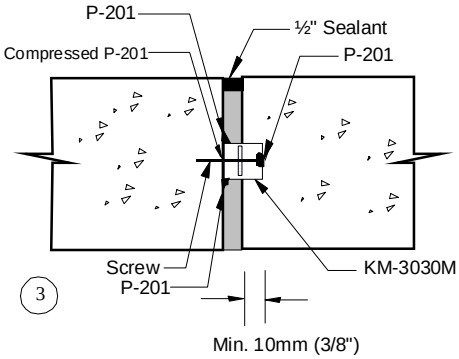
INSTALLATION:

*** USE ONLY WHERE WALL OR SLAB THICKNESS EQUALS ONE FOOT OR GREATER.**

TYPICAL KM-3030M INSTALLATION







See following pages for installation procedures and product selection.

INSTALLATION CONTINUED:

METHOD 1: (Attaching waterstop to smooth concrete):

1. Surface of the concrete must be clean, dry and free from any loose debris.

2. Paint both concrete and KM-3030M with appropriate adhesive (3M-2141, Bostik 1142, Scotch Grip 1357, 3M 77 spray adhesives, 3M 92 spray adhesive or equal). Allow adhesive to become tacky- firmly press KM-3030M onto adhesive.

3. Place concrete without displacing or disturbing the position of the waterstop.

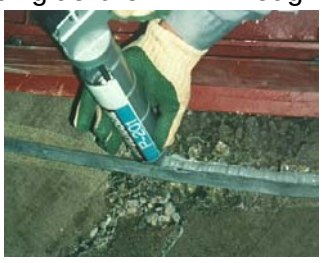
METHOD 2: Rough concrete

1. Surface of the concrete must be clean and free from any loose debris or standing water.
2. Apply bead of ADEKA ULTRASEAL® P-201. Use enough P-201 to fill any void between KM-3030M and the concrete surface)

3. Firmly press KM-3030M into the P-201 while it is still in the paste state.
4. Use a wet tool or gloved finger to remove any excess P-201. Place a nail or screw every 12~14 inches
5. Place concrete without displacing or disturbing the position of the waterstop.

OR:

Attach with nails, screws or glue then fill in rough areas with ADEKA ULTRASEAL® P-201. Inspect to insure there are no voids or gaps between KM-3030M and concrete.



* Concrete strength must be minimum 4300 PSI. Thoroughly consolidate concrete around the waterstop. Because of variables in joint filler material and concrete we recommend keyway installation as shown on following installation guide.

WHERE TO USE KM-3030M

NOTE: The information contained herein is based on our present state of knowledge and is intended to provide general notes on Adeka Waterstops and their uses. Any recommendations or suggestions, which may be made, are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained in this publication shall be construed as a recommendation for any use that may infringe patent rights. Readers are cautioned to satisfy themselves as to the suitability of such goods for the purposes intended prior to use