Adeka Ultraseal Product Selection by Application

CONSTRUCTION / COLD JOINTS

(products encapsulated in concrete)

Non-moving below grade or water exposed cold joints

MC-2010MN

pre-formed rubber strip 20mm X 10mm
(0.79" X 0.39" - 3/4" X 3/8")

Minimum Use Conditions:

- Wall/slab thickness greater than 9.0" (10.0" recommended) Minimum 4" concrete coverage - 6.5 ft wall height (check with representative for variations)
- Between double row of rebar
- Below grade or water present either side of wall/slab joint

Benefits:

- Withstand high hydrostatic head
- Withstand intermittent exposure to rain or water
- Expands up to 2 times by volume
- Embedded wire mesh promotes vertical expansion vs longitudinal
- Attach with screws, nails, glue, P-201 (may need nails or screws with P-201)
- Can be used on rough concrete with P-201
- **NSF approved for potable water**

MC-2005M

pre-formed rubber strip 20mm X 05mm
(0.79" X 0.20" - 3/4" X 3/16")

Minimum Use Conditions:

- Wall/slab thickness greater than 9" and less than 24" (Minimum 4" concrete coverage) - 6.5 ft wall height (check with representative for variations)
- Between double row of rebar
- Below grade or water present either side of wall/slab joint
- Hydrostatic head less than 50 feet

Benefits:

- Withstand intermittent exposure to rain or water
- Expands up to 2 times by volume
- Embedded wire mesh promotes vertical expansion vs longitudinal
- Attach with glue or P-201 (may need screws with P-201)
- Can be used on rough concrete with P-201

KBA-1510FP

pre-formed rubber strip 15mm X 10mm
(0.59" X 0.39" - 9/16" X 3/8")

Minimum Use Conditions

- Wall/thickness greater than 4.0" (Minimum 1" concrete coverage
- Can be used with single row of rebar or double row of rebar
- Below grade or water present either side of wall/slab joint
- Hydrostatic head less than 25 feet

Benefits:

- Can be used outside of rebar
- Low expansion pressure can be used with limited concrete coverage (1.0")
- Expands approximately 25% by volume
- Attach with glue or P-201 (may need screws with P-201)
- Can be used in containment dikes

KM-3030M

pre-formed rubber strip 30mm X 30mm
(1.18" X 1.18" - $1^{3}/_{16}$" X $1^{3}/_{16}$")
(construction or cold joints
for large wall/slab structures - dams etc)

Minimum Use Conditions:

- Wall/slab thickness greater than 30.0"
- Between double row of rebar
- Below grade or water present either side of wall/slab joint

Benefits:

- Withstand high hydrostatic head
- Withstand intermittent exposure to rain or water
- Expands up to 3 times by volume
- Embedded wire mesh promotes vertical expansion vs longitudinal
- Attach with screws, nails, glue, P-201 (may need nails or screws with P-201)
- Can be used on rough concrete with P-201

PIPING PENETRATIONS

MC-2010MN

Minimum use conditions

- Wall/slab thickness greater than 9.0"
- Pipe diameter greater than 24"
- Will withstand high hydrostatic head
- Clean pipe and attach MC-2010MN with glue

MC-2005T

Minimum use conditions

- Wall/slab thickness greater than 9.0"
- Pipe diameter greater than 4.0" and less than 24.0"
- Will withstand high hydrostatic head
- Peel and stick (add additional glue to pipe if necessary)

KBA-1510FP

Minimum use conditions

- Wall/slab thickness greater than 4.0"
- Pipe diameter greater than 4.0" and less than 24"
- Will withstand high hydrostatic head
- Attach with glue
- Hydrostatic head less than 25 feet

P-201

(paste type)

Minimum use conditions

- Wall/slab thickness greater than 6.0"
- Pipe diameter greater than 2.0" and less than 24" (check with representative for exceptions)
- Typical bead size - 3/8" X 1/2"
- Will withstand high hydrostatic head
- Must be cured before placing concrete
- Curing time dependent upon temperature and humidity

EXPANSION JOINTS

KM-3030M

Minimum Use Conditions:

- Wall/slab thickness greater than 12.0" (With ½" expansion board)
- Between double row of rebar
- Below grade or water present either side of wall/slab joint

Benefits:

- Withstand high hydrostatic head
- Withstand intermittent exposure to rain or water prior to placing concrete
- Expands up to 3 times by volume
- Embedded wire mesh promotes vertical expansion vs longitudinal
- Attach with screws, nails, glue, P-201 (may need nails or screws with P-201)
- Can be used on rough concrete with P-201

PRE-CAST STRUCTURES

KBA-1510 FP

Minimum use conditions

- Gap width must be less than 10 mm (KBA-1510 FP must be compressed in all areas)
- Protect from premature exposure to water prior to placing second segment

P-201

(paste type)

Minimum use conditions

- Bead size of P-201 must exceed gap width
- Second segment can be placed before P-201 is cured or after curing
- Bead must be compressed in all areas

SHEET PILE INTERLOCKS

A-30 / P-201

(A-30 - 2 component liquid)

Seal steel sheet piles interlocks prior to driving

- Apply A-30
- AZ sheet piles can use P-201 (patented Roxan System or A-30)

Seal PVC sheet pile interlocks prior to driving

- Apply A-30
- Apply P-201

CAUTION!

The above is a brief description of typical use and general conditions. Consult your local representative and/or refer to

www.adeka.com

for the latest and most detailed information

Thank you for choosing

Adeka Ultraseal Waterstop

Unequaled in quality, function and performance
Call 800.999.3959 for additional information