

Sheet piles are sometimes repeatedly pulled up and driven down at a construction site, especially when driving in solid rock. Detachment of ADEKA ULTRASEAL A-30 may occur, but repair work can be done simply and easily.

### BASIC PROCEDURES

#### Repair work with ADEKA ULTRASEAL® KM (KCH) String (expansion rate: 3 times by volume)

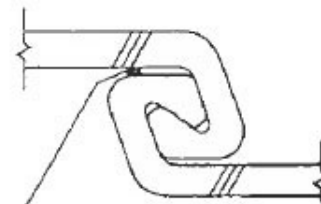
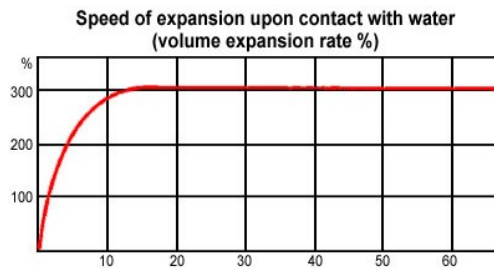
Insert KM (KCH) String which is approximately 1.2 times the width of the gap in diameter along the seam between the sheet piles.

### BASIC PROPERTIES OF KM SERIES

Tensile Strength (Kg.f/cm)	More than 20
Elasticity (%)	More than 550

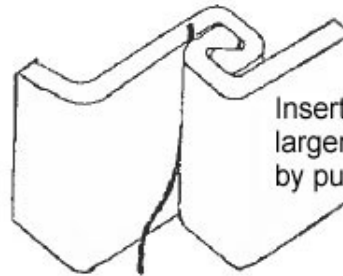
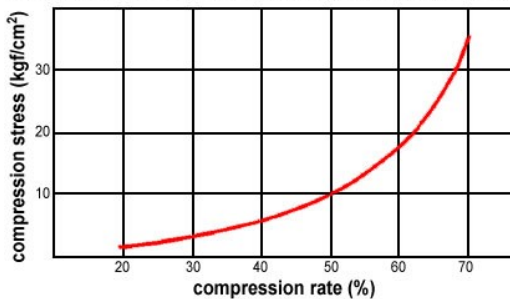
### WATER STOPPING ABILITY AFTER 5 DAYS IN WATER

Interlock Space	0.5	1.0
Hydrostatic head (Kgf/cm)	17.0	9.5



ADEKA ULTRASEAL KM-String

Relationship between compression rate and compression stress



Insert KM-String about 1.2 times larger in diameter than the opening by pulling it down.



State of water leakage



Insertion of KM-String



Compression of repair work

OCM, Inc.

1120 Peterson Road, Grayslake, IL 60030

Toll Free: 866-457-5710 • Phone: 847-462-4258 • FAX: 847-462-4259

www.adeka.com • www.ocm-inc.com • sales@ocm-inc.com

### SUPPLEMENTARY REPAIR

#### Repair with cartridge type ADEKA ULTRASEAL® P-201 (expansion rate: 2 times by volume)

After the active leak has been stopped by ADEKA ULTRASEAL KM (KCH) String, additional precautionary repair can be performed. Inject ADEKA P-201 in the interlock gap above the KM (KCH) repaired area with a caulking gun.



Injection of P-201



### BASIC PROPERTIES OF P-201 BEFORE CURING

Appearance	Paste
Specific Gravity (20° C)	1.22
Application Speed (5° C)	Less than 30 seconds
Application Speed (20° C)	Less than 20 seconds
Slump (23° C)	3 mm >
Tack Free (20° C 60% RH)	10 hours >

### AFTER CURING

Hardness (Shor A)	28
Tensile Strength (Kgf/cm)	25
Elasticity (%)	1750
Tearing Strength (Kgf/cm)	12

### WATER STOPPING ABILITY AFTER 5 DAYS IN WATER

	Plate Glass	Aluminum Plate	Mortar Plate
50% Tensile Stress (Kgf/cm)	3.9	3.8	3.8
Maximum Tensile Stress (Kgf/cm)	14.5	14.5	15.5
Elongation (%)	540	595	560

OCM, Inc.

1120 Peterson Road, Grayslake, IL 60030

Toll Free: 866-457-5710 • Phone: 847-462-4258 • FAX: 847-462-4259

www.adeka.com • www.ocm-inc.com • sales@ocm-inc.com