HYDRAULIC GATE SEALS
INDUSTRIAL RUBBER SUPPLY’S GATE SEAL PRODUCTS

Industrial Rubber Supply manufactures Rubber Gate Seal Frames for all types of Hydraulic gates.

We specialize in providing complete seal frames with or without PTFE (Teflon) cladding on the specified bulb size.

Most common bulb sizes are available as well as special stop-log seals that require rubber vulcanized to customer’s steel bars.

Our own in-house Mold Design and Manufacturing Department allows for quick responses on new designs and special custom products.

Only the highest quality raw materials are used for our Gate Seals. Seals that require PTFE Cladding are provided special wooden crate packaging with extra foam added for protection.
Pre-molded corners are desired for joint strength. They are available in all profile configurations for our common bulb sizes.

Our factory splices are extremely strong as a result of an extensive R&D initiative. Test results have shown the joints on occasion can hold their bond just as well as the remainder of the un-spliced areas of the seal.

Industrial Rubber Supply recommends REMA Tip Top SC2000 Cold Bonding Cement for shop and field splices. An application guide is included in this catalogue.

Bottom seals are usually provided separate of the completed seal frame. Special bottom seal corners for factory splices are available for quotation if required.

Industrial Rubber Supply also specializes in molding rubber to steel bars for special steel stop-log designs.
Special Designs

Vertical and special transitional corners are available to produce custom seals for stop-logs. Call for a quotation of your required corner configuration and dimensions.
## NATURAL RUBBER TEST DATA

### HYDRO SPECIFICATION

<table>
<thead>
<tr>
<th>TEST</th>
<th>CRITERIA</th>
<th>REQUIRED RESULT</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>HARDNESS SHORE A</td>
<td>ASTM D2240-86</td>
<td>60 APPROX.</td>
<td>63</td>
</tr>
<tr>
<td>TENSILE PSI MIN.</td>
<td>ASTM D412-83</td>
<td>3000</td>
<td>3168.6</td>
</tr>
<tr>
<td>ELONGATION % MIN.</td>
<td>ASTM D412-83</td>
<td>450</td>
<td>522.1</td>
</tr>
<tr>
<td>300% MODULUS PSI MIN.</td>
<td>ASTM D412-83</td>
<td>900</td>
<td>1550.8</td>
</tr>
<tr>
<td>OZONE RESISTANCE 48 HRS 50 PPHM</td>
<td>ASTM D1149-86</td>
<td>NO CRACKS</td>
<td>No cracks</td>
</tr>
<tr>
<td>COMPRESSION SET % MAX.</td>
<td>ASTM D395-85</td>
<td>30</td>
<td>1.7</td>
</tr>
<tr>
<td>WATER IMMERSION % WEIGHT CHANGE</td>
<td>ASTM D471-79</td>
<td>5</td>
<td>2.3</td>
</tr>
<tr>
<td>OXYGEN BOMB % MIN ORIGINAL PSI STRENGTH</td>
<td>ASTM D572</td>
<td>80</td>
<td>80.4</td>
</tr>
<tr>
<td>PTFE TO RUBBER ADHESION LB/IN MIN.</td>
<td>ASTM D429</td>
<td>40</td>
<td>64.7</td>
</tr>
<tr>
<td>AFTER 46 HRS IN 70 C WATER % MIN.</td>
<td>ASTM D429</td>
<td>90</td>
<td>93.7</td>
</tr>
<tr>
<td>PTFE TO RUBBER ADHESION LB/IN MIN.</td>
<td>ASTM D413</td>
<td>60</td>
<td>92.5</td>
</tr>
<tr>
<td>JOINT LONGITUDINAL STRENGTH MPa MIN.</td>
<td>ASTM D3183</td>
<td>6.9</td>
<td>12.5</td>
</tr>
<tr>
<td>AFTER 7 DAYS IN 70 C WATER % MIN.</td>
<td>ASTM D3183</td>
<td>50</td>
<td>96</td>
</tr>
</tbody>
</table>

Sample
Polymer: NR

*Gravity: 1.14 gr/cc

Specification: 4AA630 A13 B13 C12 F17 L14 Z1 Z2
Z1 = oxygen bomb 48 hrs, min. tensile 80%
Z2 = conforms to Hydro Quebec J-Seal spec. Table # 3.1

<table>
<thead>
<tr>
<th>ASTM test #</th>
<th>Property</th>
<th>Units</th>
<th>Spec</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>*D2240</td>
<td>hardness</td>
<td>Shore A</td>
<td>60 +/-5</td>
<td>64</td>
</tr>
<tr>
<td>*D412</td>
<td>tensile</td>
<td>psi</td>
<td>3000min</td>
<td>3298</td>
</tr>
<tr>
<td>*D412</td>
<td>300% Modulus</td>
<td>psi</td>
<td>900 min</td>
<td>1484</td>
</tr>
<tr>
<td>*D412</td>
<td>elongation</td>
<td>%</td>
<td>450 min</td>
<td>548</td>
</tr>
<tr>
<td>D573</td>
<td>heat age</td>
<td>change</td>
<td>+/-10</td>
<td>+1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-hard (pts)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>70hrs @ 70 C</td>
<td>-tensile</td>
<td>-25</td>
<td>+1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>%</td>
<td>-25</td>
<td>-2</td>
</tr>
<tr>
<td>D395B</td>
<td>compression set</td>
<td>%</td>
<td>30 max</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td>22hrs @ 70 C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D1149</td>
<td>ozone resist</td>
<td>no cracks</td>
<td>pass</td>
<td></td>
</tr>
<tr>
<td>D2137</td>
<td>cold temp. brittleness</td>
<td>deg C</td>
<td>-40</td>
<td>pass</td>
</tr>
<tr>
<td>D471</td>
<td>water volume Swell</td>
<td>%</td>
<td>5 max</td>
<td>3.2</td>
</tr>
<tr>
<td>D572</td>
<td>oxygen bomb</td>
<td>psi</td>
<td>80% min</td>
<td>2979</td>
</tr>
<tr>
<td>D624 C</td>
<td>Tear C</td>
<td>pli</td>
<td>250</td>
<td>431</td>
</tr>
</tbody>
</table>
ULTRAFLON 550G

Product Description

Ultraflon 550G is a specialty fiber glass filled PTFE compound pigmented green. Ultraflon 550G is manufactured in a thickness range of 0.010" to 0.064", and a width up to 12".

Application Information

Ultraflon 550G is used primarily in bearing applications, but can also be used as a seal or thrust washer. Ultraflon 550G has the best combination of flexibility and load carrying properties of the Ultraflon series. This product has been designed for use running against hard mating surfaces like cold rolled steel.

<table>
<thead>
<tr>
<th>Technical Data</th>
<th>Test Method</th>
<th>Results</th>
<th>Metric Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Film</td>
<td></td>
<td>Filled PTFE</td>
<td></td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM D 1457</td>
<td>1,500 psi</td>
<td></td>
</tr>
<tr>
<td>Elongation</td>
<td>ASTM D 1457</td>
<td>150 %</td>
<td></td>
</tr>
<tr>
<td>Dielectric Strength</td>
<td>ASTM D 149</td>
<td>0.010&quot; @ 900 - 1100 Volts</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity/Density</td>
<td>ASTM D 792</td>
<td>2.12 g/cc</td>
<td></td>
</tr>
<tr>
<td>Deformation</td>
<td>ASTM D 621</td>
<td>3 %</td>
<td></td>
</tr>
<tr>
<td>Coefficient of Thermal Expansion (in/in/F)</td>
<td>ASTM D 696</td>
<td>Molded Direction @ 5.2</td>
<td></td>
</tr>
<tr>
<td>Coefficient of Thermal Expansion (in/in/F)</td>
<td>ASTM D 696</td>
<td>Cross Direction @ 4.1</td>
<td></td>
</tr>
</tbody>
</table>
DIMENSIONS ARE IN INCHES

DRAWN BY
PAWEL ZMUDZKI

DATE (MM/DD/YY)
06/14/01

MATERIAL
RUBBER W/ FLUORO CARBON FILM 1/16" THICK

DIMENSION TYPE
IMPERIAL

SCALE
1:1

REMARKS

J-SEAL WITH FLUORO CARBON FILM

INDUSTRIAL RUBBER SUPPLY CO. LTD.
All gate seals are supplied without bolt holes. The seals are normally fitted to the gates with a clamp bar then marked and drilled by the installer.

The drill bit sketch shown above may provide a suitable hole.
Seal # | A      | B     | C      |
-------|--------|-------|--------|
#907   | 1 1/4" | 4"    | 1/2"   |
#273   | 1 1/2" | 6"    | 1/2"   |
#295   | 1 3/4" | 6"    | 9/16"  |

* Given "B" dimensions are maximums.
Smaller sizes available upon request.

NOTE: Available with PTFE cladding on bulb.
<table>
<thead>
<tr>
<th>Seal #</th>
<th>A</th>
<th>B *</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>#908</td>
<td>1 1/4&quot;</td>
<td>8&quot;</td>
<td>1/2&quot;</td>
<td>4&quot;</td>
</tr>
<tr>
<td>#603</td>
<td>1 1/2&quot;</td>
<td>12&quot;</td>
<td>1/2&quot;</td>
<td>6&quot;</td>
</tr>
<tr>
<td>#178</td>
<td>1 3/4&quot;</td>
<td>12&quot;</td>
<td>1/2&quot;</td>
<td>6&quot;</td>
</tr>
</tbody>
</table>

* Given "B" dimensions are maximums. Smaller sizes available upon request.

NOTE: Available with PTFE cladding on bulb.

Industrial Rubber Supply Co Ltd
55 Dunlop Avenue
Winnipeg, Manitoba, Canada R2X 2V2

SIZE  FSCM NO.  DWG NO.  REV

Center Bulb - Profile

SCALE NTS SHEET 1 of 1
DIMENSIONS ARE IN INCHES

REMARKS

DURAMETER HARDNESS 65

NOT AVAILABLE W/ FLUORO CARBON COATING

USE MOLD #300 BUT GRIND OFF FLAT CORNER &
MAKE ROUND

DRAWN BY
PAWEL ZMUDZKI

DATE (MM/DD/YY)
06/13/01

MATERIAL
RUBBER

SHEET
1 OF 1

DIMENSION TYPE
IMPERIAL

SCALE
31

REVISION
A

MOLD NUMBER
300

I.R.S. PART NUMBER
5024

REVISIONS

REV
A

REVISED BY
PAWEL ZMUDZKI

INITIALS

DATE (MM/DD/YY)
06/14/01

INDUSTRIAL
RUBBER SUPPLY
CO. LTD.
DIMENSIONS ARE IN INCHES

REMARKS:

durometer hardness 65
not available w/ fluoro
carbon coating

DRAWN BY: PAWEL ZMUDZKI
DATE: 06/14/01

LEFT & RIGHT ENDCUPS - 1-3/4" BULB

MATERIAL: RUBBER

DIMENSION TYPE: IMPERIAL

SCALE: 31
REVISION: A

INDUSTRIAL RUBBER SUPPLY CO. LTD.

MOLD NUMBER: 807
I.R.S. PART NUMBER: 5038

REVISED BY: PAWEL ZMUDZKI
INITIALS: A
REV: A

DATE: 06/14/01

Sheet 1 of 1
DIMENSIONS ARE IN INCHES

DURAMETER HARDNESS 65

REMARKS

DRAWN BY
PAWEL ZMUDZKI

DATE (MM/DD/YY)
06/14/01

MATERIAL
RUBBER

PART NAME
T - CONNECTOR - 1-3/4" BULB

DIMENSION TYPE
IMPERIAL

SCALE
3:1

REVISION
A

MOLD NUMBER
291

I.R.S. PART NUMBER
5038

INDUSTRIAL RUBBER SUPPLY CO. LTD.
DIMENSIONS ARE IN INCHES

REMARKS

DRAWN BY: PAWEL ZMUDZKI
DATE (MM/DD/YY): 06/08/01
PART NUMBER: BOTTOM SEAL

MATERIAL: RUBBER
SHEET: 1 OF 1
DIMENSION TYPE: IMPERIAL
SCALE: 1:1
REVISION: A
MOLD NUMBER: 253
I.R.S. PART NUMBER: 5030

INDUSTRIAL RUBBER SUPPLY CO. LTD.
DIMENSIONS ARE IN INCHES

REMARKS

DRAWN BY
PAWEL ZMUDZKI

DATE (MM/DD/YY)
06/08/01

PART NAME
BOTTOM SEAL

MATERIAL
RUBBER

SHEET
1 OF 1

DIMENSION TYPE
IMPERIAL

SCALE
1:1

REVISION
A

MOLD NUMBER
703

I.R.S. PART NUMBER
5035

REVISIONS

REV
REVISED BY
INITIALS
DATE (MM/DD/YY)
A
PAWEL ZMUDZKI

06/08/01
DIMENSIONS ARE IN INCHES

REMARKS

DRAWN BY: PAWEL ZMUDZKI
DATE: 06/08/01
PART NAME: BOTTOM SEAL

MATERIAL: RUBBER
SHEET 1 OF 1
DIMENSION TYPE: IMPERIAL
SCALE: 1:1
REVISION A
MOLD NUMBER: 749
I.R.S. PART NUMBER: 5036
DIMENSIONS ARE IN INCHES

- 5/16 X 15° CHF.
- 1/4 X 45° CHF, TYP.

MOLD NUMBER 831
I.R.S. PART NUMBER

REVISIONS
REVISED BY
INITIALS DATE (MM/DD/YY)
A PAWEL ZMUDZKI 06/11/01

INDUSTRIAL RUBBER SUPPLY CO. LTD.

DRAWN BY PAWEL ZMUDZKI
DATE (MM/DD/YY) 06/11/01
PART NAME HORIZONTAL SEAL
MATERIAL RUBBER
SHEET 1 OF 1
DIMENSION TYPE IMPERIAL
SCALE 1:1
REVISION A
MOLD NUMBER 831
I.R.S. PART NUMBER
MOLD NUMBER 835
T.R.S. PART NUMBER

REVISIONS
REV REVISION BY INITIALS DATE (MM/DD/YY)
A PAWEL ZMUDZKI 06/11/01

DIMENSIONS ARE IN INCHES

2-3/4

9/16

5/16 X 45° CHF.

4 PCS 2-3/4" X 334" LG

DRAWN BY PAWEL ZMUDZKI
DATE (MM/DD/YY) 06/11/01

INDUSTRIAL RUBBER SUPPLY CO. LTD.

MATERIAL NEOPRENE RUBBER
ASTM D2000, 60/65 DURO

DIMENSION TYPE IMPERIAL

SCALE 1:1
REVISION A

MOLD NUMBER 835
T.R.S. PART NUMBER
DIMENSIONS ARE IN INCHES

REMARKS

MATERIAL
NEOPRENE RUBBER
ASIM D2000, 60/65 DURO

DIMENSION TYPE
IMPERIAL

DRAWN BY
PAWEL ZMUDZKI

DATE (MM/DD/YY)
06/11/01

PART NAME
HORIZONTAL SEAL

SHEET
1 OF 1

SCALE
1:1

REVISION
A

MOLD NUMBER
035A

INDUSTRIAL RUBBER SUPPLY CO. LTD.
DIMENSIONS ARE IN INCHES

242.5" LONG, 7 REQ.
USE MOLD 835 W/INSERT

REMARKS

MATERIAL: Neoprene Rubber
ASTM D2000, 60/65 DURO
DIMENSION TYPE: IMPERIAL

DRAWN BY: PAWEL ZMUDZKI
DATE: 06/11/01

REVISIONS

REV.
A

REVISED BY
PAWEL ZMUDZKI

INITIALS

DATE (MM/DD/YY)
06/11/01

835B

MOLD NUMBER
L.R.S. PART NUMBER

HORIZONTAL SEAL ITEM 15

PART NAME

SHEET
1 OF 1

SCALE
1:1

INDUSTRIAL RUBBER SUPPLY
CO. LTD.
DIMENSIONS ARE IN INCHES

5/16 X 15° CHF.

1/4 X 45° CHF, TYP.
DIMENSIONS ARE IN INCHES

REMARKS
DURROMETER HARDNESS 40

MATERIAL
NATURAL RUBBER

DIMENSION TYPE
IMPERIAL

SCALE
1:1
REVISION
A

STOP LOG SEAL

INDUSTRIAL RUBBER SUPPLY CO. LTD.
REMA Tip Top North America, Inc.
SC-2000 COLD BONDING CEMENT

Widely recognized as the world’s finest cold vulcanizing cement REMA SC-2000 is the solution to your industrial bonding problems. By using REMA UTR 20 hardener with the SC-2000 cement natural rubber, neoprene rubber, SBR rubber and others can be bonded to each other, fabric and to steel without the aid of heat, pressure or special equipment.

Description
REMA SC-2000 is a two component, room temperature curing chloroprene based liquid rubber adhesive that, when catalyzed with the appropriate amount of UTR-20 Hardener, yields high strength adhesions. REMA SC-2000 is ideal for use in lining installations, when bonding rubber to rubber, rubber to fabric, rubber to steel, rubber to concrete, fiberglass, and urethane, as well as the splicing and repair of fabric conveyor belting. Repair to existing rubber lined vessels and rubber components is also recommended.

Mixing instructions
The REMA SC-2000 cement system is comprised of cement and hardener in the ratio of 1 Kg of cement to 40 Grams of hardener. These two components must be thoroughly mixed (stirred). The mixed portion should be used within 2 hours.

Surface Preparation & Application Methods
Rubber to Steel
All surfaces must be clean, dry and free of oil, paint and other contamination. Steel and other metallic surfaces should be sandblasted to a 4 mil profile (SSPCV-SP-5-63 “White Metal Blast Cleaning”) to obtain maximum adhesion. A brushing application to all substrates is the preferred method to avoid possible bridging of a high profile surface. Metal surfaces should first be cleaned with REMA CLEAN solvent and then sandblasted and cleaned again with REMA CLEAN solvent. The metal surface should then have REMA READI FAST METAL PRIMER applied. Take special care to insure all directions on the container are followed. After allowing the primer coat to cure or dry for (30 min) before proceeding with bonding procedures.
Fiberglass
The surface should be prepared by first cleaning with REMA CLEAN solvent, then sanded, and recleaned with REMA CLEAN solvent to help remove abraded particles. Allowing the solvent to evaporate. Then the prepared surface must then be primed with REMA SC-2000 cement. The prime coat of cement should be allowed to partially cure at least 1 hour (overnight is ideal). After allowing the prime coat to cure or dry for at least 1 hour, proceed with bonding procedures.

Rubber to Rubber
The surface should be prepared by first cleaning with REMA CLEAN solvent to remove all mould releases. Rubber that does not have the special REMA CN bonding layer, requires cleaning with REMA CLEAN solvent and when dry, buffing to a RMA #4 textured finish. The rubber dust should be removed with a dry brush and then wipe the surface with REMA CLEAN solvent again before the prime coat of REMA SC-2000 cement is applied to the prepared surface. The applicator should use a scrubbing-like motion when applying the REMA SC-2000 cement. A scrubbing motion is preferred so that all voids on the buffed surface to be bonded are filled in. After allowing the prime coat to cure or dry for at least 1 hour (overnight is ideal) proceed with bonding procedures.

Concrete
The best surface preparation for concrete is sandblasting to provide a clean, dry and sound substrate. When sand-blasting is not practical, the surface may be acid etched following the manufacturer's recommendations. After sandblasting or etching, the surface must be primed with REMA SC-2000 cement. For ease of application the prime coat could be roller applied by diluting the REMA SC-2000 cement with REMA CLEAN solvent, about 50%. This dilution will assure better absorption. The second coat of REMA SC-2000 cement must not be diluted for optimum adhesion.

Wood
The best surface preparation for wood is sandblasting. Wood must be dry. After sandblasting, the surface must be primed with REMA SC-2000 cement. For ease of application the prime coat could be roller applied by diluting the REMA SC-2000 cement with REMA CLEAN solvent, about 50%. This dilution will assure better absorption. The second coat of REMA SC-2000 cement must not be diluted for optimum adhesion.
Fabric to Fabric

Fabric that is R.F.L. treated should be clean and dry and the number of coats of REMA SC-2000 cement will depend on the weight and weave of the fabric. Take special care to insure all indentations are filled (such as heavy conveyor belt fabric).

Bonding

When applying the REMA SC-2000 cement a scrubbing motion is preferred so that all voids on the surface to be bonded are filled in. The first coat of cement should be allowed to partially cure at least 1 hour (overnight is ideal.) The second coat should not be scrubbed because the solvent in the cement would attack and lift the first coat. This is more evident when the first coat has a short cure time.

To the properly prepared or primed surfaces apply a tack coat of REMA SC-2000 cement to each surface at the same time so they dry at the same rate. As rapidly as possible, apply a uniform coat with a brush. Avoid heavy builds, puddles, uneven coating. Surfaces must dry uniformly.

When surfaces dry to a tack, about 3-6 minutes, they are ready to bond (This tack or bonding time will be about 10-15 minutes, if the surfaces become too dry, apply another tack coat to each). Test the cement with the back of a dry finger, it should feel tacky and not leave any cement on the finger. SURFACES MUST BE TACKY WHEN BONDED. Join surfaces together when the cement is still tacky but not wet to the touch. and roll with a 2" wide roller with appropriate pressure to bond surfaces together. Use overlapping roller strokes making sure both surfaces fully contact each other and all air is expelled.

For additional information Contact your REMA TIP TOP rubber specialist.

Bond Evaluation

REMA SC-2000 is capable of bonding rubber to steel in the range of 60-70 lbs. peel per inch width. Bond strengths of fabric to fabric, such as fabric conveyor belting develops over 500 lbs. in shear.

<table>
<thead>
<tr>
<th>Bond strengths measured in Lbs per Inch peel strength</th>
<th>2 hrs</th>
<th>5 hrs</th>
<th>12 hrs</th>
<th>24 hrs</th>
<th>7 days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rubber to Steel</td>
<td>60</td>
<td>63</td>
<td>64</td>
<td>65</td>
<td>72</td>
</tr>
<tr>
<td>Rubber to Rubber</td>
<td>24</td>
<td>29</td>
<td>34</td>
<td>40</td>
<td>60</td>
</tr>
<tr>
<td>Fabric to Fabric</td>
<td>20</td>
<td>24</td>
<td>25</td>
<td>28</td>
<td>32</td>
</tr>
<tr>
<td>Rubber to Fabric</td>
<td>18</td>
<td>24</td>
<td>26</td>
<td>28</td>
<td>55</td>
</tr>
</tbody>
</table>
Pot Life
The gel time or working life of the mixture is approximately 2 hours at 70° F.

Coverage
Approximately 20 sq. ft. per 1 lb. @ brush coating.

Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Weight per Gallon</td>
<td>11 lbs.</td>
</tr>
<tr>
<td>Consistency</td>
<td>Brushable liquid</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>2,600 lbs</td>
</tr>
<tr>
<td>Diluents</td>
<td>Chlorinated or Ketones Solvents</td>
</tr>
<tr>
<td>Oil Resistance</td>
<td>Excellent</td>
</tr>
<tr>
<td>Working Temp</td>
<td>-40° to 200° F. (-40° to 93° C.)</td>
</tr>
</tbody>
</table>

Storage
Shelf life of unopened containers is 2 years. REMA SC-2000 cement and hardener should be stored in a cool dark place away from heat, sparks and flame under 70° F (20 C).

Safety
REMA SC-2000 contains solvents, the inhalation of excessive amounts of vapor may induce an allergic respiratory reaction to sensitized individuals. Avoid skin contact. Wear protective clothing, impervious rubber gloves, and safety glasses. In case of skin contact, wash well with soap and water. Spills should be absorbed with absorbent material and water added to destroy isocyanates. When applying REMA SC-2000 cement in confined areas, suction ventilation equipment should be in operation. The equipment should be arranged so that vapors are drawn down and away from the applicator. REMA SC-2000 cement is non-flammable. The UTR 20 Hardener is flammable although when mixed together they become non-flammable. As always the usual fire safety measures should be observed. Keep away from heat, sparks and open flame. Do not use until the MATERIAL SAFETY DATA SHEET and INSTRUCTIONS have been read and understood.
Packaging Sizes and Hardener Amounts

- 1 Pt REMA SC-2000 cement with one 20 grm. UTR 20 Hardener
- 1 Qt REMA SC-2000 cement with one 40 grm. UTR 20 Hardener
- 1 Gal REMA SC-2000 cement with five 40 grm UTR 20 Hardener
- 55 Gal REMA SC-2000 with (275) 40 grm UTR 20 Hardeners

The recommendations for the use of our products are based on tests believed to be reliable but no warranty is given. Since conditions of use are beyond our control all risks of use are assumed by the user.

For Technical Assistance and Professional Advice
Please Contact you Local REMA Agent or Call (800) 225-REMA