



**INTERNAL CHIMNEY SEALS
TO SPAN CHIMNEY HEIGHTS OF:**

- 0 - 4½" CHIMNEY SEAL ONLY
- 4½" TO 9" SEAL + 7" EXTENSION
- 9" TO 12" SEAL + 10" EXTENSION
- OVER 12" SEAL + MULTI. EXTENSIONS

**EXTERNAL CHIMNEY SEALS
TO SPAN CHIMNEY HEIGHTS OF:**

- 0 - 3" NARROW (6") SEAL ONLY
- 3 TO 6½" STANDARD (9") SEAL ONLY
- 6½" TO 12" STD. SEAL + EXTENSION
- OVER 12" SEAL + MULTI. EXTENSIONS

NOTE:

1. CHIMNEY SEALS SHALL BE INSTALLED ON ALL SANITARY SEWER SYSTEM MANHOLES.
2. "CRETEX" OR APPROVED EQUAL EXTERNAL/INTERNAL SEALS ARE REQUIRED. OTHER PRODUCTS OR OTHER DESIGN SOLUTIONS SHALL REQUIRE THE APPROVAL OF THE CITY ENGINEERING DEPARTMENT.
3. IF INTERNAL SEALS ARE USED, THE STRUCTURE, INCLUDING ADJUSTMENT RINGS, MUST BE INSPECTED BY CITY PERSONNEL BEFORE INSTALLATION.
4. CHIMNEY SEALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

NOT TO SCALE

**CHIMNEY
SEAL
DETAIL**

DATE: 3-31-09