三和シャッター

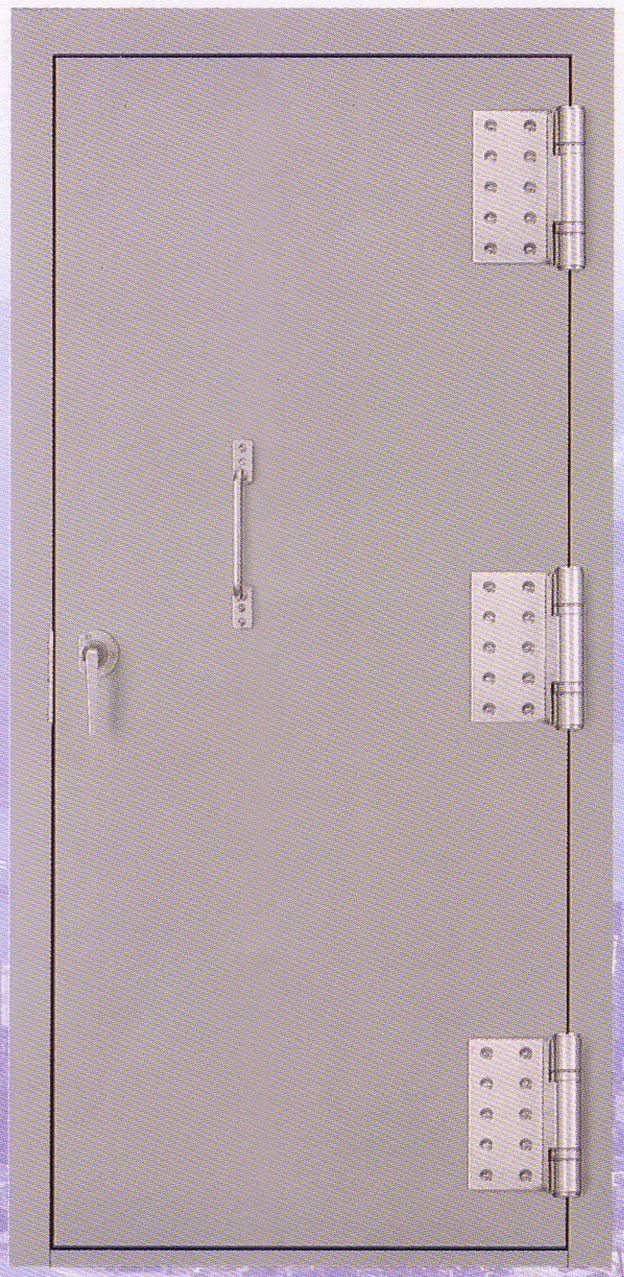
BLAST RESISTANCE STEEL SWING DOOR

MANUAL OPERATION TYPE

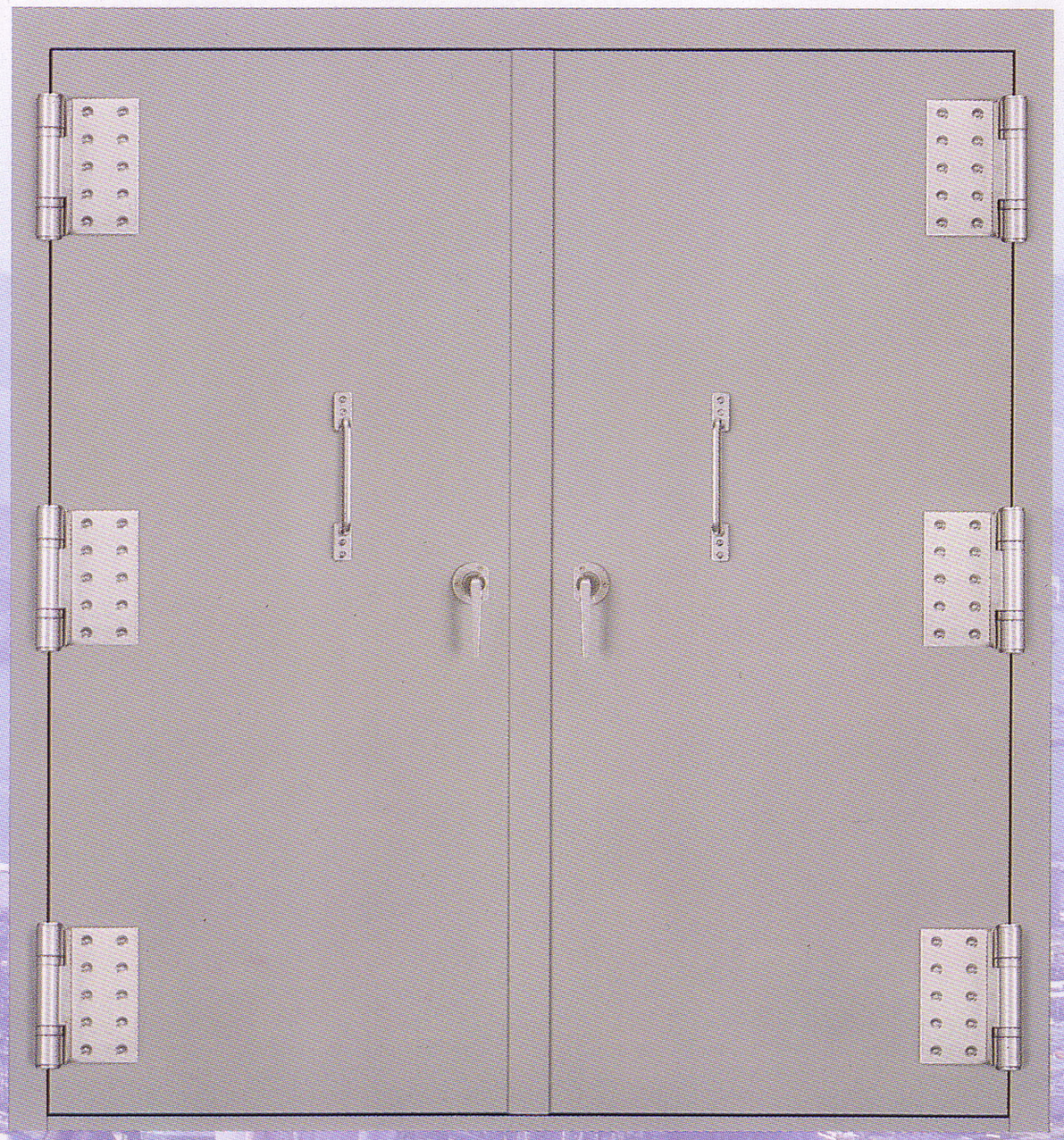
The experience and technology of "Sanwa Shutter," a leading door and shutter manufacturer, ensure freedom from care.

While technical innovation advances day by day, the needs of precision-constructed petroleum and chemical plants for "security" has been rising unlimitedly higher. It is justifiable to excessively protect plants so as to avoid damage to expensive facilities and machines due to unexpected accidents.
Sanwa's explosion-proof doors protect computer rooms and control rooms, that are the heart of such plants, from "mishap."
In addition to the experience and know-how accumulated by the leading manufacturer of doors and shutters, the rigidity materialized by severe simulation calculation ensures protection from blast waves.
Sanwa's doors and shutters excel in durability, allowing smooth opening and closing under normal conditions.
Sanwa offers unequaled and reliable BLAST RESISTANCE STEEL SWING DOOR of it's kind.

■SINGLE SWING DOOR



■DOUBLE SWING DOOR



BASIC SPECIFICATION

1. PRESSURE

A : USING PANIC LATCH SET
2,143kgf/m² (21KN/m²) FOR OUTSIDE
714kgf/m² (7KN/m²) FOR INSIDE
B : GREMON BOLT SET
3,000kgf/m² (30KN/m²) FOR OUTSIDE
1,500kgf/m² (15KN/m²) FOR INSIDE

2. DOOR LEAF

OUTSIDE : STEEL 10.0mm THICKNESS WITHOUT ZINC COATING
INSIDE : STEEL 2.3mm THICKNESS WITH ZINC COATING
(ONE SIDE APPROX. 90g/m²⇒180g/m² FOR BOTH SIDE)
<OPTIONAL>GLASS WOOL 80kg/m² FILLED IN LEAF

3. FRAME & REINFORCING MEMBERS FOR LEAF

H – SECTION & CHANNEL STEEL WITHOUT ZINC COATING

4. DEPTH OF DOOR LEAF & FRAME

DOOR LEAF : 87.3mm
FRAME : 125.0mm

5. HARDWARES

	MAIN MATERIAL
① BUTT HINGE	STAINLESS STEEL
② DOOR CLOSER	ALUMINUM DIECASTING
MAX LEAF WEIGHT 250kg	
MAX LEAF SAZE W 1,000mm×H 2,000mm	
③ PULL HANDLE	STEEL
④ AIR-TIGHT RUBBER	CHLOROPRENE RUBBER
⑤ DOOR STOP & HOLDER	STEEL & CHLOROPRENE RUBBER
⑥ CYLINDER LOCK	
WITH DUST COVER	STAINLESS STEEL
⑦ GREMON BOLT SET	STEEL
<OPTIONAL>	
PANIC LATCH SET	CAST BRASS & STEEL

6. ANTI- RUST PRIMER COAT

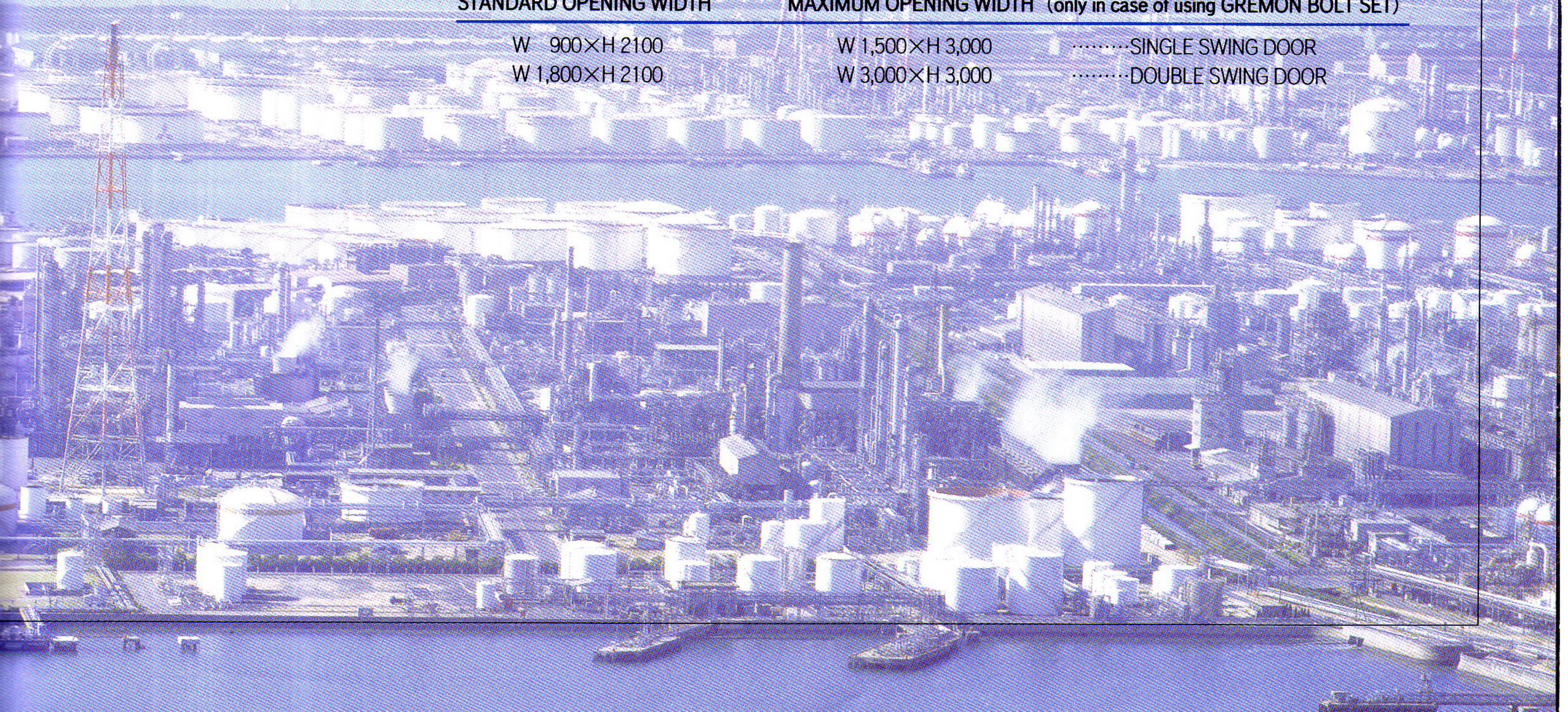
SANWA SHUTTER STANDARD COATING
"SUN PRIMER"(MAKER : DAI – NIPPON TOKYO CO.,LTD JAPAN)
AVERAGE 30 μ (MICRON)

7. FINISHING PAINT & WORK

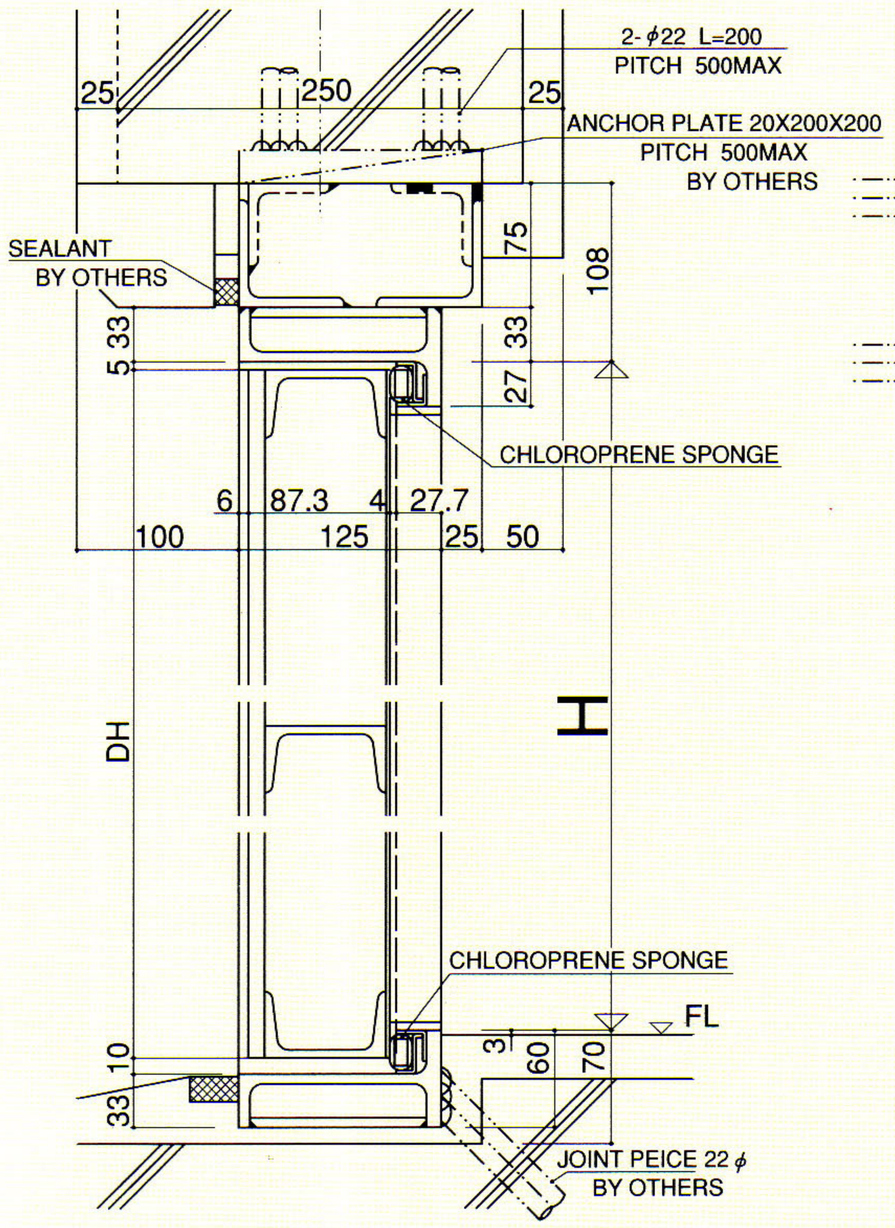
SHOULD NOT BE SUPPLIED BY SANWA SHUTTER CORPORATION

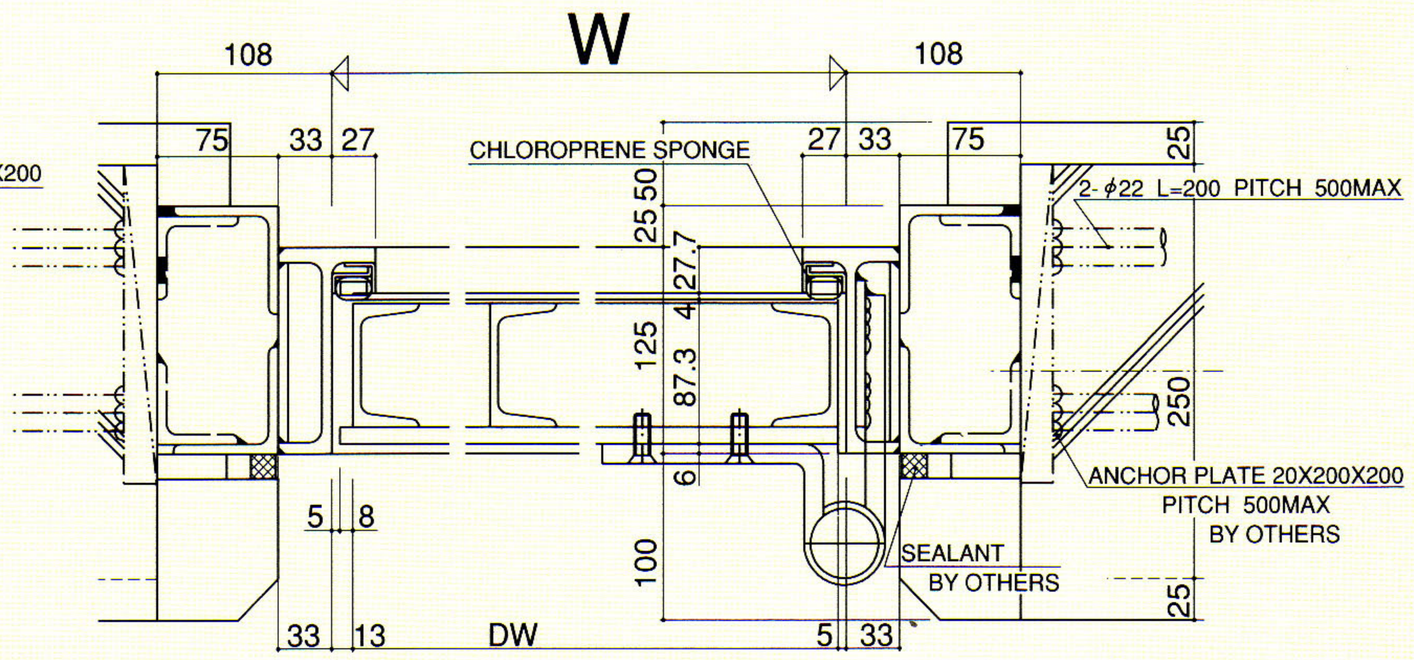
【NOTE】
–ALL SPECIFICATION FOR WORKMANSHIP SHOULD BE COMPLIANCE WITH OUR STANDARD SPECIFICATIONS–
–ECONOMICAL TYPE DOOR WILL ALSO AVAILABLE TO PROVIDE, SO PLEASE BE CONTACT WITH OUR STAFF–

STANDARD OPENING WIDTH	MAXIMUM OPENING WIDTH (only in case of using GREMON BOLT SET)	
W 900×H 2100	W 1,500×H 3,000	·····SINGLE SWING DOOR
W 1,800×H 2100	W 3,000×H 3,000	·····DOUBLE SWING DOOR

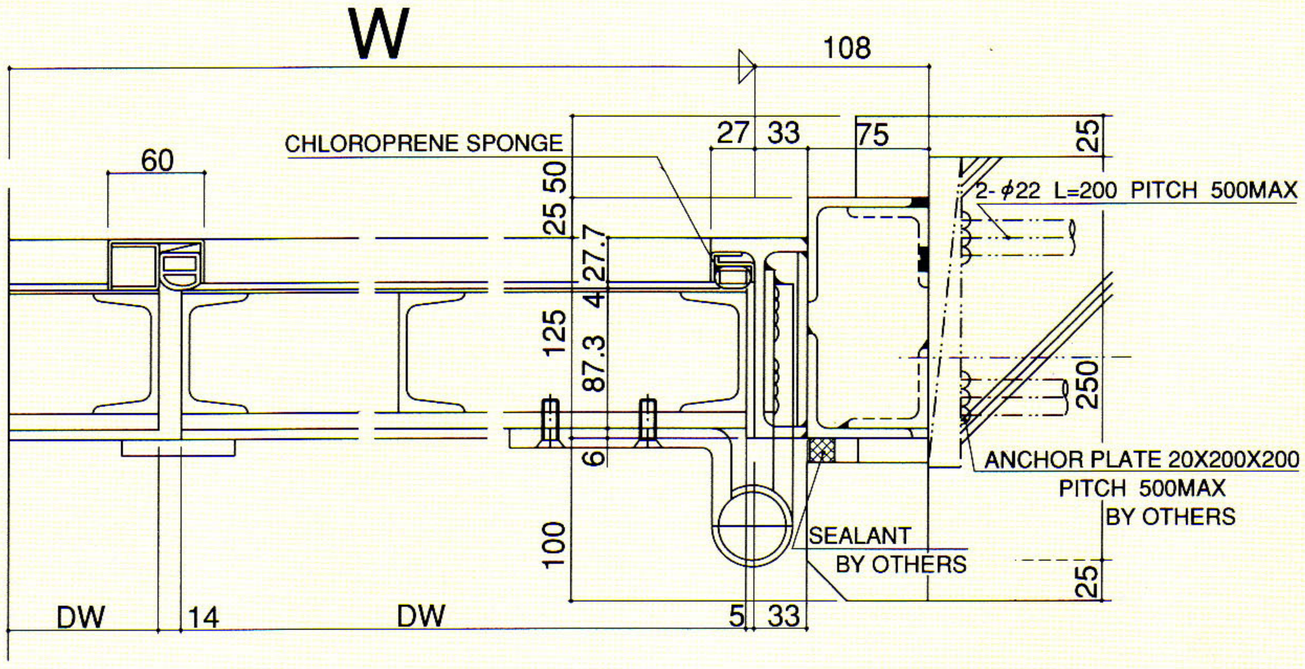


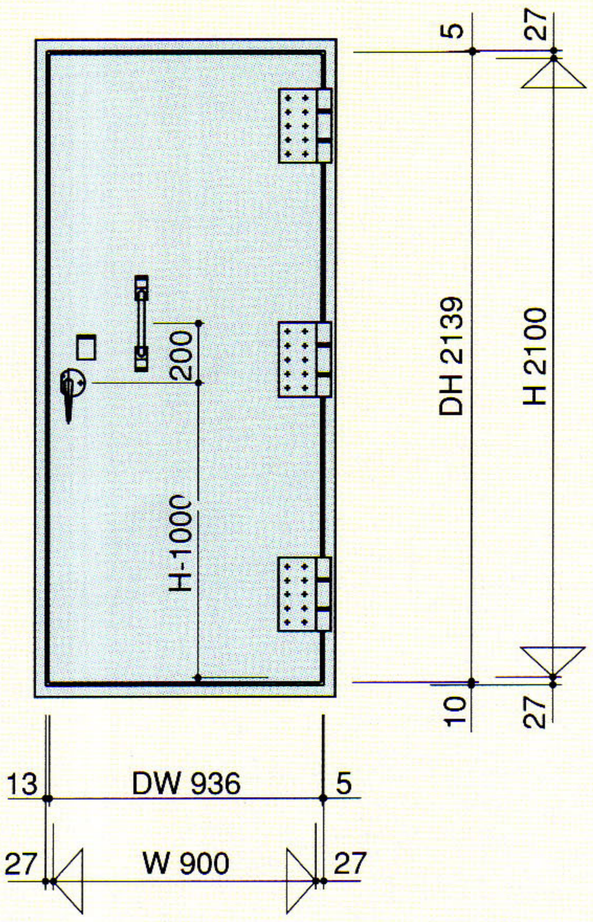
SINGLE SWING DOOR

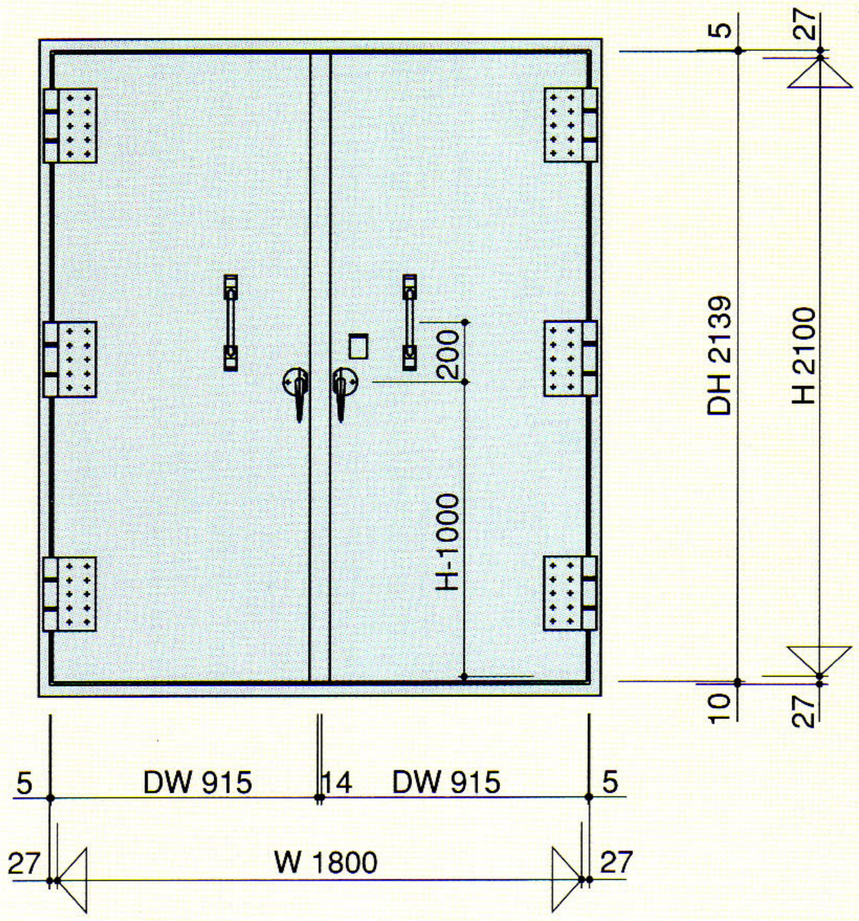




DOUBLE SWING DOOR







SUN METAL CO., LTD.
180-184 METRO BUILDING,4 FL RAJAWONGSEROAD, BANGKOK 10100
TEL +66 (0)2622-9777, EXT. 1141,1142
FAX +66 (0)2226-5099, (0)222-2163