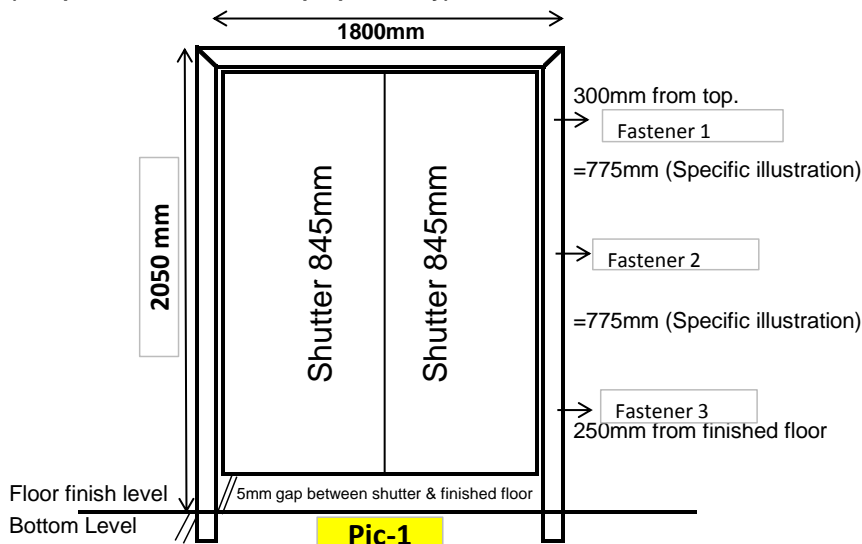




## Frame Installation:-

(Sample size for illustration purpose Only)



**Method of Frame Installation :** With Clamp if wall unfinished.  
With fastners/Foam if wall finished.

### Steps of Frame installation:-

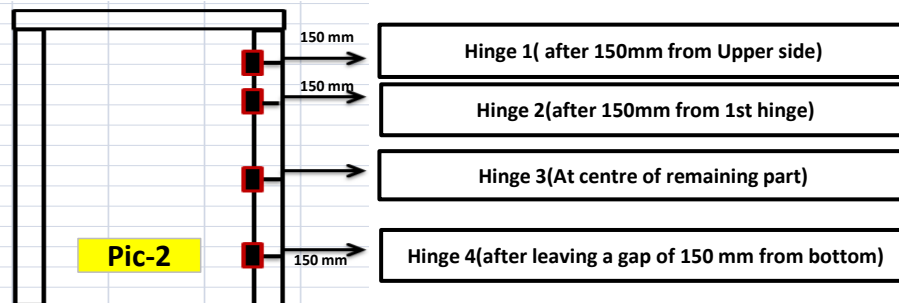
1. Fastener 1 should be placed after 300mm from top and Fastener 3 around 250mm from bottom Fastener 2 is in the middle of remaining part.
2. All fasteners should be screwed with machines. No hammering, No nails.

### Remarks:

1. Frame should be installed as per picture.
2. Bottom level 25 - 40mm is suggested, however not compulsory.
3. Fixing suggested with fasteners or advanced foam if wall is finished, Fixing recommended with clamps if wall not finished.
4. Minimum 24 hours gap between frame and shutter fixing.

## Shutter Installation:-

### Hinge spacing for shutter installation :-



### Important Notes:-

- \*1 Shutter bottom can be cut to a maximum of 20 mm .
- \*\*2 Shutter can not be cut at all from side.
- \*\*\*3 The thickness of mortice hole should be atleast 1mm greater than lock thickness.

### Steps of Shutter installation:-

- Step1: Shutter to be installed as per as per Pic 2.
- Step2: In-tumescent seal to be installed after installation, painting, polishing etc. If gets stiff if installed before, because brush of seal absorbs paint
- Step3: All screws should be screwed with machines. No hammering, No nails -Else shutter will hang low sooner of later.
- Step4: Fire rated accessories should be used as required.

### Remarks:

- 1 Door closer EN3 for upto 900mm shutter and EN4 for >900mm shutter.
- 2 Clearing of 5mm bottom and 3mm in sides.

PTO

## Tufwud Doors Accessories Repairing Installation Tool Kit

SI No	Tool Name	Qty	SI No	Tool Name	Qty
1	Hand Saw(Medium Size or Hack saw)	1 Pc	1	Hand Saw	1 Pc
2	Small Randa	1 Pc	2	Circular Cutter	1 Pc
3	Hand Dril	4 Pcs	3	Randa	1 Pc
4	Hammer (Small)	1 Pc	4	Grinding Machine	1 Pc
5	Batali	1 Pc	5	Dril Machine Including Hammering	1 Pc
6	Screw Driver(Pen head/Philips Head)	1 Pc	6	Dril Beat (2.5/3.5/10mm5"/12mm6")	4 Pcs
7	Hand Dril with beat 2½mm,4mm	As required	7	Hammer	1 Pc
8	Scale 6"	1 Pc	8	Batali	1 Pc
9	Measuring Tape (3mtr)	1 Pc	9	Sunmica Cutter	1 Pc
10	Olon set	1 Pc	10	Screw Driver(Pen head/Philips Head)	1 Pc
11	Water Level	1 Pc	11	Scale,	1 Pc
12	Pen/Pencil/Marker	1Set/person	12	Measuring Tape (3mtr)	1 Pc
13	Anchor Fastener	3 pcs	13	Olon	1 Pc
14	Extra Screw (19/25/35mm)	15 pcs	14	Water Level	1 Pc
15	Nails (Headless 1", 1½")	25 pcs	15	Pen/Pencil/Marker	1Set/person
16	Fire Paint white	200 gm	16	Fastener	As required
17	Paint Brush 2"	1 pc	17	Extra Screw (25/35mm)	As required
18	Adhesive (Fevicol)	50 gm	18	Nails	As required
19	Fine Saw Dust (Garjan)	100 gm	19	Fire Paint	As required
20	French Chalk Pudding	50 gm	20	Paint Brush	As required
21	Lipping	2 Rft	21	Adhesive (Fevicol)	As required
22	Pena	4 Pcs	22	Fine Saw Dust	As required
23	Small Timber Pc(1½x1/1')	2 Pcs	23	Pen Chalk Pudding	As required
24	Cloth pc small	2 Pcs	24	Lipping	As required
25	Tarpene	100 ml	25	Pena	As required
26	Matam (90° Angle)	1 Pcs	26	Pena	As required
27	Grinding Paper 60	1 Pcs	27	Matam (90° Angle)	1 Pc
28	Grinding Paper 80	1 Pcs	28	Grinding Paper 60	1 Pc
29	Grinding Paper 120	1 Pcs	29	Grinding Paper 80	1 Pc
30	Water Paper	1 Pcs	30	Grinding Paper 120	1 Pc
			31	Water Paper	1 Pc