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## SAFETY BASE PTY LTD

### SAFETY BASE PTY LTD INSTALLATION INSTRUCTIONS

THE SAFETY BASE PTY LTD SYSTEM MEETS THE OH &S STANDARDS AS/NZS 4994.1 - 2009 TEMPORARY EDGE PROTECTION PART 1 GENERAL REQUIREMENTS AND AS/NZS 4994.1 - 2009 SECTION 4, WHEN INSTALLED IN ACCORDANCE WITH THE FOLLOWING INSTRUCTIONS:

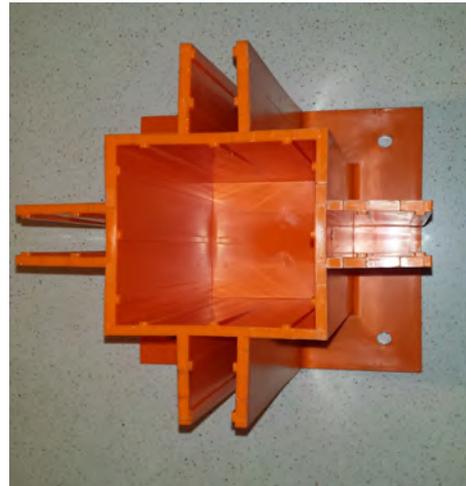
1. THE CENTRAL CAVITIES FOR THE POSTS IN THE SAFETY BASE ARE MADE TO TAKE 2 / 90 MM X 45 MM TIMBERS, NAIL OR SCREW LAMINATED OR A SINGLE 90 MM X 90 MM POST.

**NOTE: FOR HANDRAIL HEIGHTS TO COMPLY WITH CURRENT REGULATIONS, CUT THESE POSTS AT 1000 MM. HANDRAIL ON A STAIRCASE MAY BE 900 MM HIGH.**

2. INSERT THE POST INTO THE SAFETY BASE AND FIX THE SAFETY BASE TO THE POST USING 2 / 12G X 65 MM HEX HEAD SCREWS IN THE TWO HOLES LOCATED IN THE BODY OF THE SAFETY BASE.



Pic 2 - Safety Base with 90mm Post and up to 200mm Toeboard



Pic 1 - Solid Base

3. THE SAFETY BASE HAS BEEN TESTED TO BE POSITIONED AT 2100 MM CENTRES FROM POST TO POST. LOCATE THE SAFETY BASE SUFFICIENTLY AWAY FROM THE EDGE OF THE FLOORING YOU ARE FIXING INTO SO AS TO PREVENT CRACKING OR SPLITTING OF THAT SURFACE.

4. TO ENSURE YOUR APPLICATION OF THE SAFETY BASE HANDRAIL SUPPORT POST MEETS THE REQUIRED OH&S TESTING REQUIREMENTS, ENSURE THE CORRECT FASTENINGS ARE ADOPTED FOR YOUR SPECIFIC FLOORING TYPE.

5. FASTEN THE MID RAIL AND TOP RAIL TO THE INSIDE FACE OF THE PROPERLY INSTALLED POSTS.

**NOTE: IF USING mgp10 PINE, AN ADDITIONAL TOP RAIL IS REQUIRED TO SATISFY OH&S REQUIREMENTS. ENSURE ALL RAILS ARE SECURELY FASTENED TO THE POSTS.**

6. THE SAFETY BASE ALLOWS YOU TO USE UP TO A 20 MM THICK PIECE OF PLYWOOD OR SIMILAR, AS A TOE BOARD OR KICKER PANEL, WHICH IS SLOTTED INTO THE SECTIONS PROVIDED.

**NOTE: TO MEET TOEBOARD REQUIREMENTS, THE TOEBOARD NEEDS TO BE A MINIMUM OF 150 MM HIGH. SAFETY BASE WILL ACCOMODATE A TOEBOARD OF 200 MM AND BE FULLY SUPPORTED BY THE SAFETY BASE ITSELF.**

**PLEASE NOTE THAT IT IS IMPORTANT TO DO REGULAR VISUAL INSPECTIONS OF BOTH YOUR TEMPORARY HANDRAIL TIMBERS AND THE SAFETY BASE AND ITS FIXING. IF THERE IS ANY VISIBAL CRACKING IN EITHER THE TIMBER OR THE SAFETY BASE, IMMEDIATELY REPLACE THE OFFENDING COMPONENT.**



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### 1. CONCRETE FLOOR:

- 4 / 60 MM (MIN) X 10 MM SCREWBOLTS OR SIMILAR
- 4 / 40 MM X 3 MM THICK WASHERS (AS SUPPLIED)

### 2. PARTICLE BOARD FLOORING:

- 4 / 75 MM X 10 MM HEX HEAD COACH SCREWS
- 2 / 90 MM X 45 MM PINE BLOCKS
- 4 / 40 MM X 3 MM THICK WASHERS (AS SUPPLIED)

**FIX INTO FLOOR JOISTS, OR TIMBER BLOCKING UNDER FLOORING**

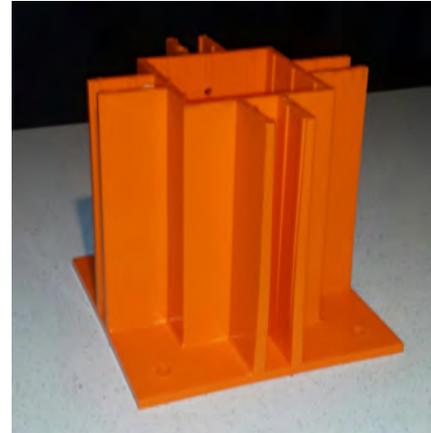
### 3. PLYWOOD OR FORMPLY 19 MM THICK:

- 4 / 90 MM X M10 NUTS AND BOLTS
- 2 / 90 MM X 45 MM PINE BLOCKS
- 4 / 40 MM X 3 MM THICK WASHER (AS SUPPLIED)

**ENSURE COMPONENTS ARE SECURELY FASTENED.**

### 4. TOEBOARD / KICKER PANEL FIXING:

- 2 / 12 G X 50 MM FASTENERS (1 AT EITHER END OF THE TOEBOARD)



Pic 3 - 200mm High and 200mm Wide



Pic 4 - Typical Application



Pic 5 - Safety Base tested to 3160 Newtons without failure



Pic 6 - Distortion after testing but not broken

**PLEASE MAKE SURE CORRECT FASTENERS AND WASHERS ARE USED. IF THERE IS ANY VISIBAL CRACKING IN EITHER THE TIMBER OR THE SAFETY BASE, IMMEDIATELY REPLACE THE OFFENDING COMPONENT.**

**IMPORTANT NOTE: IN ALL FIXING APPLICATIONS, IT IS EXTREMELY IMPORTANT TO ENSURE THE SUBSTRATE BEING FIXED TO IS SECURE AND CAPABLE OF CORRECTLY SUPPORTING THE SAFETY BASE AND TEMPORARY HANDRAIL SYSTEM BEING USED. IF IN DOUBT, ADDITIONAL STRENGTHENING OF THE SUBSTRATE MAY BE REQUIRED TO ENSURE A SAFE TEMPORARY HANDRAIL SYSTEM.**