

GLASS FLOORING REQUEST FOR INFORMATION (RFI)



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Customer:.....

Project Name:.....

Date:.....

Site Address:.....

INFORMATION REQUIRED

- Size of panels:
- Do you require ImageTek™ Floor Anti Slip printed surface **YES/NO**
- Select and tick from Table 3.1 below glass flooring application, from both Type of activity and Specific uses columns
- 4 sides supported glazed **YES/NO**
(If No to above please send drawing indicating support and/or method of glazing).

AS/NZS 1170.1:2002		TABLE 3.1	
Type of activity/occupancy for part of the building or structure		Specific uses	
A	Domestic and residential activities (also see Category C)		
A1	Self-contained dwellings ☐	General areas, private kitchens and laundries in self-contained dwellings ☐	
		Balconies, and roofs used for floor type activities, in self-contained dwellings- (a) less than 1 m above ground level (b) other	☐
		Stairs and landings in self-contained dwellings	☐
		Non-habitable roof spaces in self-contained dwellings	☐
A2	Other ☐	General areas, bedrooms, hospital wards, hotel rooms, toilet areas	☐
		Communal kitchens	☐
		Balconies, and roofs used for floor type activities, with community access	☐
B	Offices and work areas not covered elsewhere ☐	Operating theatres, X-ray rooms, utility rooms	☐
		Work rooms (light industrial) without storage	☐
		Work rooms (light industrial) without storage	☐
		Communal kitchens	☐
		Commercial/institutional kitchens	☐
		Laundries	☐
		Laboratories	☐
		Factories, workshops and similar buildings (general industrial)	☐
		Balconies, and roofs used for floor type activities	☐
		Fly galleries (in theatres, etc.)	☐
		Grids (over the area of proscenium width by stage depth)	☐

AS/NZS 1170.1:2002		TABLE 3.1	
Type of activity/occupancy for part of the building or structure		Specific uses	
C	Areas where people may congregate		
C1	Areas with tables ☐	Public, institutional and communal dining rooms and lounges, cafes and restaurants ☐	
		Reading rooms with no book storage ☐	
		Classrooms ☐	
C2	Areas with fixed seats ☐	Institutional assembly areas such as classrooms, lecture theatres and similar ☐	
		Public assembly areas such as public halls, theatres, courts of law, auditoria, conference centres and similar ☐	
		Places of worship ☐	
C3	Areas without obstacles for moving people ☐	Corridors, hallways, aisles, stairs, landings, concourses, terraces, plazas, etc., not subject to wheeled vehicles ☐	
		Corridors, hallways, aisles, stairs, landings, etc. subject to wheeled vehicles, trolleys, etc. ☐	
		Footpaths, terraces and plazas at ground level subject to wheeled vehicles ☐	
		Museum floors and art galleries for exhibition purposes ☐	
		Balconies, and roofs used for floor type activities ☐	
C4	Areas with possible physical activities ☐	Dance halls and studios, gymnasia ☐	
		Drill halls and drill rooms ☐	
C5	Areas susceptible to overcrowding ☐	Assembly areas without fixed seating (concert halls, bars, vestibules, public lounges, places of worship, shopping malls) and grandstands ☐	
		Stages in public assembly areas ☐	
D	Shopping areas ☐	Shop floors for the sale and display of merchandise ☐	
E	Warehousing and storage areas. Areas subject to accumulation of goods. Areas for equipment and plant ☐	Reading rooms with book storage, e.g. libraries ☐	
		General storage other than those specified ☐	
		Free rolling office compactus, for general filing, up to 2 m high ☐	
		File rooms, office storage space, vaults and strongrooms ☐	
		Stack rooms (books) ☐	
		Paper storage for printing plants and stationery stores, packed book storage ☐	
		Mobile stacking, mechanically operated heavy shelving (wheels on rails, e.g. compactus) ☐	
		Cold storage ☐	
		Plant rooms, fan rooms, etc., including weight of machinery ☐	
F	Light vehicle traffic areas ☐	Areas around equipment in boiler rooms (weight of equipment to be determined) ☐	
F	Light vehicle traffic areas ☐	Parking, garages, driveways and ramps restricted to cars, light vans, etc., not exceeding 2500 kg gross mass. ☐	
G	Medium vehicle traffic areas ☐	Vehicles exceeding 2500 kg and not exceeding 10 000 kg. Driveways, ramps, repair workshops, footpaths with vehicle access, and car parking ☐	

GENERAL INFORMATION

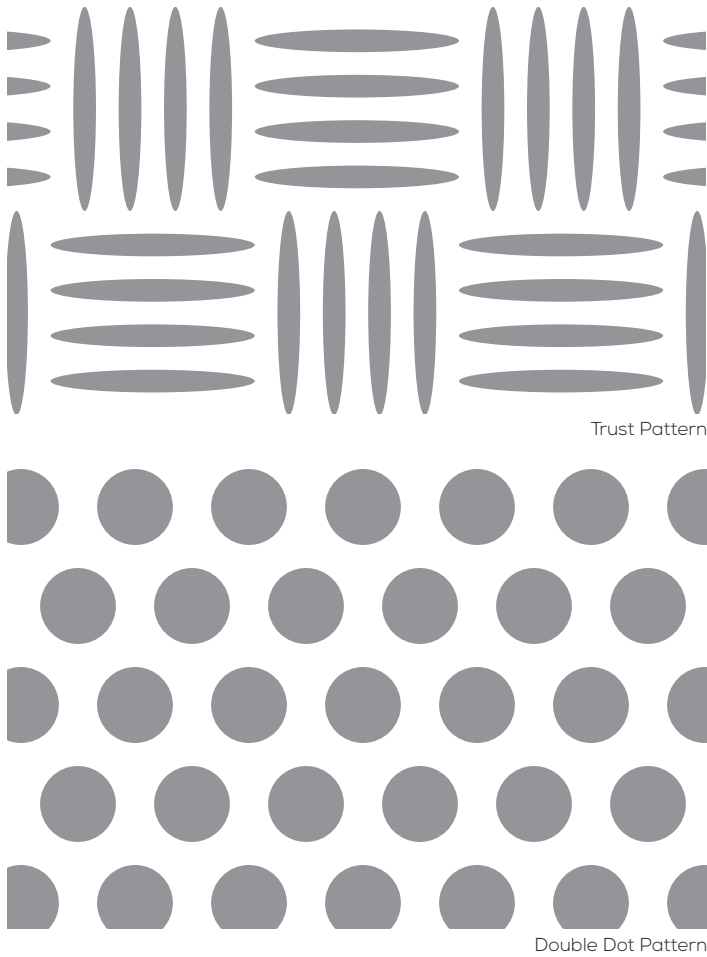
The glass supplied for these applications are custom laminated make-ups, most commonly a triple laminated glass with toughened panels. Heat soaking of toughened glass is recommended for these applications. Panels can be designed with two layers of glass depending on application. Interlayers used can be either PVB or structural such as DG41 or SGP. Engineering is required to determine the thickness and make-up. The type of activity and specific uses is also required to determine correct glass design. A full list of these is available through AS1170 Table 3.1 (see previous page).

Trafficable flooring should have a special anti-slip coating applied to the exposed laminated glass surface. National Glass has a range of ImageTek™FLOOR patterns using anti-slip paint digitally printed and fired into the surface during toughening. These patterns are tested to AS 4586-2013 Slip resistance classification of new pedestrian surface materials. Alternatively, a sacrificial sheet of 6mm toughened glass with anti-slip pattern is placed on top of the laminated panel, designed to be replaced in the event of breakage. This avoids the costly replacement of the more expensive laminated panel. Care should be taken that sacrificial sheet is sealed adequately to avoid dirt and water getting between panels.

INSTALLATION DETAILS

- > It is recommended that the glazing block shall have shore hardness 80 to 90;
- > The joints between the floor panels and structure shall be 6mm minimum;
- > The recommended support width for the floor panels shall be 20mm minimum;
- > Framing and support should be engineered to withstand loads imposed.

ImageTek™FLOOR PATTERNS SCALE 1:1



AS4586 -2013 TEST RESULT CLASSIFICATION	
PATTERN	WET RESULT
TRUST	P2
DOUBLE DOT	P2

GLASS FLOORING INSTALLATION DETAILS – 4 SIDE SUPPORT.

