

SLIP RESISTANCE

Number	Workplaces, workareas and operational traffic areas	Slip resistance Class (R-Group)	Displacement Area (V-Group)	Number	Workplaces, workareas and operational traffic areas	Slip resistance Class (R-Group)	Displacement Area (V-Group)
0	General work rooms and areas			5.6	Raw sausage department	R 13	V6
0.1	Entrance area, inside	R 9		5.7	Drying room for sausages	R 12	
0.2	Entrance area, outside	R 11 or R 10	V 4	5.8	Entrail storage	R 12	
0.3	Stairways, inside	R 9		5.9	Pickling and smoking room	R 12	
0.4	Stairways, outside	R 11 or R 10	V 4	5.10	Chicken processing	R 12	V 6
0.5	Sanitary rooms (eg toilets, changing rooms, cleaning rooms), break rooms (eg lounge, cafeteria), first aid rooms	R 10 R 9 R 9		5.11	Cold Meat and packing department	R 12	
				5.12	Workshops	R 12	V 8
1	Manufacture of margarine, cooking fat, cooking oil			6	Fish and Delicatessen processing		
1.1	Fat melting	R 13	V 6	6.1	Fish processing	R 13	V 10
1.2	Cooking oil refinery	R 13	V 4	6.2	Delicatessen processing	R 13	V 6
1.3	Manufacture and packing of margarine	R 12		6.3	Mayonnaise processing	R 13	V 4
1.4	Manufacture and packing of cooking fat, bottling of cooking oil	R 12		7	Vegetables processing		
				7.1	Sauerkraut processing	R 13	V 6
				7.2	Tinned vegetables processing	R 13	V 6
				7.3	Sterilisation rooms	R 11	
				7.4	Rooms in which vegetables are prepared for processing	R 12	V 4
2	Manufacture of milk and cheese			8	Wet rooms in food and beverage processing		
2.1	Manufacture of fresh milk and butter	R 12		8.1	Fermenting rooms	R 10	
2.2	Manufacture, storage and packing of cheese	R 11		8.2	Beverage bottling, fruit juice manufacture	R 11	
2.3	Manufacture of ice cream	R 12					
3	Manufacture of chocolate and confectionary			9	Kitchens, dining rooms		
3.1	Sugar digester house	R 12		9.1	Hotel and Restaurant kitchens		
3.2	Manufacture of cocoa	R 12		9.1.1	up to 100 meals per day	R 11	V 4
3.3	Manufacture of raw mix	R 11		9.1.2	more than 100 meals per day	R 12	V 4
3.4	Manufacture of praline	R 11		9.2	Kitchens in orphanages, schools or sanatoria	R 11	
				9.3	Kitchens in hospitals and clinics	R 12	
				9.4	Canteen and catering kitchens	R 12	V 4
				9.5	Snack bar and fast food kitchens	R 12	V 4
				9.6	Thawing and warm-up kitchens	R 10	
				9.7	Coffee and Tea kitchens, kitchens in B&B hotels, ward kitchens	R 10	
4	Manufacture of pastries (bakeries, confectionery, long-life bakery products)			9.8	Sink-room		
4.1	Manufacture of pastry	R 11		9.8.1	Sink rooms for 9.1, 9.4, 9.5	R 12	V 4
4.2	Rooms in which fat or fluid products are produced and handled	R 12		9.8.2	Sink rooms for 9.2	R 11	
4.3	Sink-room	R 12	V 4	9.8.3	Sink rooms for 9.3	R 12	
				9.9	Serving and dining rooms	R 9	
5	Slaughter and Meat processing						
5.1	Slaughterhouse	R 13	V 10				
5.2	Tripe scalding room	R 13	V 10				
5.3	Meat cutting room	R 13	V 8				
5.4	Sausage kitchen	R 13	V 8				
5.5	Boiled sausage department	R 13	V 8				

Number	Workplaces, workareas and operational traffic areas	Slip resistance Class (R-Group)	Displacement Area (V-Group)
10	Cold and freezer rooms		
10.1	for non-packed goods	R 12	
10.2	for packed goods	R 11	
11	Sales rooms		
11.1	Reception of meat		
11.1.1	for non-packed goods	R 11	
11.1.2	for packed goods	R 10	
11.2	Reception of fish	R 11	
11.3	Serving area for meat and sausages		
11.3.1	for unpackaged goods	R 11	
11.3.2	for packaged goods	R 10	
11.4	Serving area for bread and pastries	R 10	
11.5	Serving area for dairy products and delicatessen, nonpacked goods	R 10	
11.6	Serving area for fish		
11.6.1	for unpackaged goods	R 12	
11.6.2	for packaged goods	R 11	
11.7	Serving places, excl. 11.3 – 11.6	R 9	
11.8	Preparation rooms		
11.8.1	for meat processing, excl. no. 5	R 12	V 8
11.8.2	for meat manufacture, excl. no. 5	R 11	
11.9	Flower binding	R 11	
11.10	Sales areas with stationary ovens		
11.10.1	for producing pastries	R 11	
11.10.2	for crisp-up prefabricated pastries	R 10	
11.11	Sales areas for stationary deep fryers or grills	R 12	V 4
11.12	Sales rooms, customer rooms	R 9	
11.13	Preparation rooms of food for self-service areas	R 10	
11.14	Cashpoint and packing areas	R 9	
11.15	Outdoor sales areas	R 11 or R 10	V 4
12	Social and welfare service rooms		
12.1	Disinfection rooms (wet)	R 11	
12.2	Pre-cleaning for sterilisation	R 10	
12.3	Human waste rooms, outlet rooms,, unsanitary care rooms	R 10	
12.4	Autopsy rooms	R 10	
12.5	Bathrooms, water cure rooms, Fango treatments	R 11	
12.6	Washing rooms for Operations, cast rooms	R 10	
12.7	Sanitary rooms, ward bathrooms	R 10	
12.8	Rooms for medical diagnosis and therapy, massage rooms	R 9	
12.9	Operating rooms	R 9	
12.10	Wards with sickrooms and corridors	R 9	
12.11	Doctors' Offices, Day hospitals	R 9	
12.12	Pharmacies	R 9	
12.13	Laboratories	R 9	
12.14	Hair Salons	R 9	

Number	Workplaces, workareas and operational traffic areas	Slip resistance Class (R-Group)	Displacement Area (V-Group)
13	Laundries and Laundromats		
13.1	Rooms with washing machines	R 9	
13.2	Rooms with washing machines, where clothes are handled dripping wet	R 11	
13.3	Ironing and pressing rooms	R 9	
14	Concentrated feed processing		
14.1	Provender manufacture	R 11	
14.2	Provender manufacture with fat and water	R 11	V 4
15	Leather production, textiles		
15.1	Wet working areas in a tannery	R 13	
15.2	Room with fleshing machine	R 13	V 10
15.3	Room with leather waste	R 13	V 10
15.4	Room for production of fat based proofing	R 12	
15.5	Fabric dyeing in textile production	R 11	
16	Painting		
16.1	Wet polishing areas	R 12	V 10
17	Ceramics industry		
17.1	Wet milling	R 11	
17.2	Mixing Handling of materials such as tar, pitch, graphite or resins	R 11	V 6
17.3	Pressing (moulding) Handling of materials such as tar, pitch, graphite or resins	R 11	V 6
17.4	Casting areas	R 12	
17.5	Glazing areas	R 12	
18	Glass and stone processing		
18.1	Stone sawing and grindery	R 11	
18.2	Glass forming	R 11	
18.3	Grindery for glass	R 11	
18.4	Manufacture of insulated glass Handling of granulates	R 11	V 6
18.5	Packing and Shipping of flat glass, Handling of separating agents	R 11	V 6
18.6	Etching plants for glass	R11	

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19	Concrete production		
19.1	Concrete washing areas	R 11	
20	Store rooms		
20.1	Store rooms for oil and fat	R 12	V 6
20.2	Store rooms for packed grocery	R 10	
20.3	Outdoor store rooms	R 11 or R 10	V 4
21	Chemical and thermal treatment of metals		
21.1	Pickling shop	R 12	
21.2	Hardening shop	R 12	
21.3	Laboratory	R 11	
22	Metal treatment, workshops		
22.1	Galvanising rooms	R 12	
22.2	Cast iron handling areas	R 11	V 4
22.3	Mechanical work areas (for example turning shop or milling shop), punching shop, pressing shop, drawing shop, and all areas with increased oil lubrication requirements	R 11	V 4
22.4	Parts cleaning areas, areas with waste steam	R 12	
23	Service Workshops for motor vehicles		
23.1	Service rooms	R 11	
23.2	Pits	R 12	V 4
23.3	Car Wash	R 11	V 4
24	Service rooms for airplanes		
24.1	Hangars	R 11	
24.2	Dockyards	R 12	
24.3	Wash areas	R 11	V 4
25	Sewage Plants		
25.1	Pump rooms	R 12	
25.2	Sludge dehydration rooms	R 12	
25.3	Raking rooms	R 12	
25.4	Store rooms for service and maintenance platforms	R 12	
26	Fire stations		
26.1	Garages for vehicles	R 12	
26.2	Rooms for tube maintenance	R 12	
27	Financial institutions		
27.1	Circuit breaker room	R 9	

Number	Workplaces, workareas and operational traffic areas	Slip resistance Class (R-Group)	Displacement Area (V-Group)
28	Parking areas		
28.1	Garages, multi-storey car park, underground garage protected from outside weather	R 10	
28.2	Garages, multi-storey car park, underground garage not protected from outside weather	R 11 or R 10	V 4
28.3	Outdoor parking areas	R 11 or R 10	V 4
29	Schools and playschools		
29.1	Entrances, corridors, break halls	R 9	
29.2	Classrooms, meeting rooms	R 9	
29.3	Stairways	R 9	
29.4	Toilets, wash rooms	R 10	
29.5	Teaching kitchens (see no. 9)	R 10	
29.6	Kitchens in kindergartens	R 10	
29.7	Machine rooms for wood working	R 10	
29.8	Special rooms for crafts / handwork	R 10	
29.9	Schoolyards	R 11 or R 10	V 4
30	Industrial traffic routes in outdoor areas		
30.1	Walkways	R 11 or R 10	V 4
30.2	Loading docks		
30.2.1	Roofed	R 11 or R 10	V 4
30.2.2	Not roofed	R 12	V 4
30.3	Inclined ramps (eg wheel chairs, loading ramps)	R 12	
30.4.1	Refuelling area	R 12	
30.4.2	Refuelling area roofed	R 11	

Example of use:

The work area 6.3, mayonnaise processing, is assessed as having a slip resistance requirement of R13. The minimum displacement volume for the floor is rated VO4, meaning a minimum of 4 cm³/dm².

The selection of an appropriate floor will depend upon the usage of the area and will refer to the following tested properties:

Slip resistance	Displacement volume
R 13	V 4
R 13	V 6
R 13	V 8
R 13	V 10