

Floor Coating as simple solution

The workplace regulations as well as the accident prevention regulations require from all employers that floors have to be slip-resistant. This regulation applies to the following working areas, e.g. machine rooms, warehouses and auto repair shops. According to these demands it is the employer's obligation to assess the risk of slipping within the specific working areas and take actions to prevent incidents.

High friction coefficient = Safe walk

Main reasons for slipping:

- Smooth, non-structured floors
- Pollution of floors due to e.g. Oil, Rain, Ice, Granules or other materials reducing the friction coefficient
- Unsuitable shoe soles and profiles



Selection of anti-slip coatings

First it is important to assess the risk of slipping. Therefore it is important to get the information if the items have been checked and certified by an Institute for work safety and if there is a test certificate available (in Germany BG-Certificate). Especially for resin products, it is important to check that they are easy to apply.

With a special method the item is being tested for its effectiveness on a slanted ground. The largest tilt angle which it is possible to stand on the surface determines the allocation to a defined group. The results acts as a measure for the degree of slip resistance (**R-Value**), e.g. R9 lowest requirements and R19 highest requirements.

An additional key factor which helps choosing the right anti-slip coating is the displacement space (**V-Value**). The V-Value is describing the liquid holding capacity between the shoe sole and the ground. It is important for preserving the anti-slip effect. V4 meets the lowest requirements and V10 the highest. Usually V-Values are only necessary in areas where large amounts of liquids or slippery substances can appear on the floor.

Tested and proved best

Tested an certified in Germany under DIN51130 „Testing of floor coatings and evaluation of its anti-slip properties“.



Working Areas	Recommended value of slip resistance (R-Value)	Recommended value of displacement space (V-Value)
Auto repair shops	R 11	
Bakery + Dough preparation	R 11	
Baths + Sanitary facilities	R 10	
Bottling companies	R 11	
Breweries, storing cellars	R 10	
Canteen Kitchens	R 12	V 4
Cheese producing, storing & packaging companies	R 11	
Classrooms / Stairs in schools	R 9	
Cold stores with unpacked goods	R 12	
Concrete wash bays	R 11	
Control Aisles	R 10	
Entrance areas	R 9	
Fat melting	R 13	V 6
Fire departments	R 12	
First-aid rooms	R 9	
Fish processing companies	R 13	V 10
Florist spaces	R 11	
Garages	R 10	
Gastronomic kitchens with 100 meals / day	R 11	V 4
Gastronomic kitchens with more than 100 meals / day	R 12	V 4
Hangars	R 11	
Heat treating companies	R 12	
Ice cream productions	R 12	
Laundries	R 9	
Lunch rooms	R 9	
Margarine production companies	R 12	
Meat processing and cutting companies	R 13	V 8
Milk processing companies	R 12	
Pits	R 12	V 4
Receipt of fish / meat	R 11	
Rooms in hospitals	R 9	
Rooms with dripping laundry	R 11	
Salesrooms in general	R 9	
Sanitary rooms	R 10	
Sausage kitchens	R 13	V 8
Scavenging areas	R 12	V 4
Slaughterhouses	R 13	V 10
Somkehouses	R 12	
Stairs in entrance areas	R 9	
Store rooms for oils / fats	R 12	V 6
Tanneries	R 13	
Teaching kitchens	R 10	
Turning shops / milling services with enhanced oil or lubricant loads	R 11	V 4
Vegetable canning companies	R 13	V 6
Washrooms	R 10	
Waste water treatment plants	R 12	

All specifications are minimum requirements



OIL, WATER, BANANA PEEL.  
PROBLEM SOLVED.

Safe Step® Floor Coatings



ITW LLC & Co. KG – Mühlacker Strasse 149 – D-75417 Mühlacker  
Tel.: +49 (0) 7041 / 9634-0 – Fax: +49 (0) 7041 / 9634-29  
info@itwcp.de – www.itwcp.de



www.itwcp.de





**Safe Step® 50**

For use in large areas where a low profile pedestrian grade anti-slip coating is required.

**Art.-No.** RS43070 (grey)  
RS43071 (tile red)

**R-Value:** 13

**V-Value:** 4



**Safe Step® 100**

A high performance, single pack epoxy ester anti-slip coating suitable for heavy pedestrian.

**Art.-No.** RS43266 (grey)  
RS43267 (tile red)  
RS43277 (yellow)

**R-Value:** 13

**V-Value:** 10



**Safe Step® 200**

A high performance, two part epoxy anti-slip coating suitable for heavy vehicular traffic.

**Art.-No.** RS43320 (grey)  
RS43321 (tile red)  
RS43322 (yellow)

**R-Value:** 12

**V-Value:** 10



**Safe Step® 500**

Extra heavy-duty, two-part epoxy anti-slip coating providing superior resistance to chemicals and wear.

**Art.-No.** RS43323 (SF grey)

**R-Value:** 10

**V-Value:** 10



**Safe Step® Anti-Slip Spray**

Easy to use and quick to apply. Suitable for interior and exterior use.

**Art.-No.** RS45000 (clear)

**R-Value:** 12

**V-Value:** n / a

**QTY:** 12 Aerosol / Carton



**Art** Non Metal Primer

**Art.-No.** RS43285 (5 l Pail)  
RS43284 (0,75 l Can)

**Art.-No.** RS40666 (Hardrollers)  
RS40668 (Roller Handles)

**Art** Metal Primer

**Art.-No.** RS42087 (5 l Pail)  
RS43265 (0,75 l Can)



**Größe** 50 mm x 18,25 m

**Art.-No.** RS43543 (black / yellow)  
RS43544 (luminiscent)  
RS43539 (neutral)  
RS43540 (high vis neon)  
RS43538 (aqua)

**Farbe** Standard Black

**Art.-No.** RS43530 (25 mm x 18,25 m)  
RS43531 (50 mm x 18,25 m)  
RS43532 (100 mm x 18,25 m)  
RS43533 (150 mm x 18,25 m)



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All items are certified under BGiA.

For your safety

Slipping on plain surfaces is one of the most common causes of accidents. **Safe Step® helps to provide a safe footing and allows therefore also an easier braking of vehicles and other machines. Our broad product range provides the right product for every application.**

According to these demands it is the employer's obligation to assess the risk of slipping within the specific working areas and take actions to prevent incidents. Safe walking on all kind of areas requests enough friction between the shoe sole and the underground.



Who has never slipped on a stair nosing? **Safe Step®** Anti-slip tapes stop this problem. Slipping on those adhesive strength and grip tapes is nearly impossible. Therefore many accidents can be avoided easily.

- **Safe Step®** is easy to apply
- Anti-slip coatings on ramps are very important
- Tested and certified in Germany under BGiA and DIN51130



**Safe Step®** is recommended to use on all kinds of stairs in public. The operational managers protect themselves well against any kinds of expensive warranty claims by using **Safe Step®** products.



Crisp clear lines

The new and worldwide patented airflow system ensures crisp clear lines. By using a unique nozzle- and swirling technique during application the drop formation is nearly excluded. The colors themselves are resistant against sunlight, weather and abrasion. Therefore the Easyline Edge® System sets new standards in quality at quite attractive prices. These advantages are also on your line.



Sharp lines; rarely no drop formation during application and an application which is nearly not polluted during usage. Also the handle of the applicator can be adjusted for easier work and the total applicator can be disassembled – for safe storing and easy transportation.



Available Colors

	Caution / Hazard
	General Marking
	Danger / Prohibition
	Information / Direction
	Mandatory / Protection
	Chemical storage
	Delete existing lines
	Delete existing lines
	Flourescent yellow



	<b>Art.-No.</b>	RS47000	White (RAL 9016*)	<b>Art.-No.</b>	RS47005	Orange (RAL 2009*)
		RS47001	Yellow (RAL 1023*)		RS47006	Black (RAL 9017*)
		RS47002	Red (RAL 3020*)		RS47007	Grey (RAL 7045*)
		RS47003	Blue (RAL 5017*)		RS47009	Luminescent Yellow
		RS47004	Green (RAL 6024*)	<b>QTY:</b>	6 Aerosol / Carton	

\*nearly similar to RAL

	<b>Art</b>	Airblow-Applicator (1 piece)		<b>Art</b>	Easyline® Stencils (1 piece)	
	<b>Art.-No.</b>	RS47010		<b>Art.-No.</b>	RS40141 (150 mm) RS 40144 (300 mm)	
	<b>Art</b>	Applicator Gun (1 piece)		<b>Art</b>	Easyline® Disabled Stencils (1 piece)	
	<b>Art.-No.</b>	RS46013		<b>Art.-No.</b>	RS40142	
	<b>Art</b>	Spare masking set (2 pieces)				
	<b>Art.-No.</b>	RS47011				