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WALO

ULBRICHFUGE®

PERMANENTLY

ELASTIC AND

ROBUST

We have the solution: an efficient and durable joint produced in traditional WALO quality. Joints are often the **weak point in a floor construction**. This is precisely why it is important to cover the wide range of requirements for joints. The WALO Ulbrichfuge® does exactly that – which makes it **unique on the market**.

Whether for new construction or interior and exterior refurbishments, the heavy-duty joint can easily absorb both horizontal and vertical movement. Customers appreciate the **short down-time** and the odourless installation during continued operations. In industrial

buildings, the joint protects both forklift equipment and employees thanks to smooth and shock-free passage. These and many other advantages make WALO Ulbrichfuge® a **true all-rounder among joint solutions**.

Choose from five patented options – depending on the demands of your project. Without any visible joint gaps, the maintenance-friendly Ulbrichfuge® also provides **economic benefits**.



FIVE WINNING SOLUTIONS

- WALO Ulbrichfuge® BASIC
- WALO Ulbrichfuge® POWER/AIR
- WALO Ulbrichfuge® SPECIAL MOVEMENT
- WALO Ulbrichfuge® FIRE PROTECTION
- WALO Ulbrichfuge® WHG



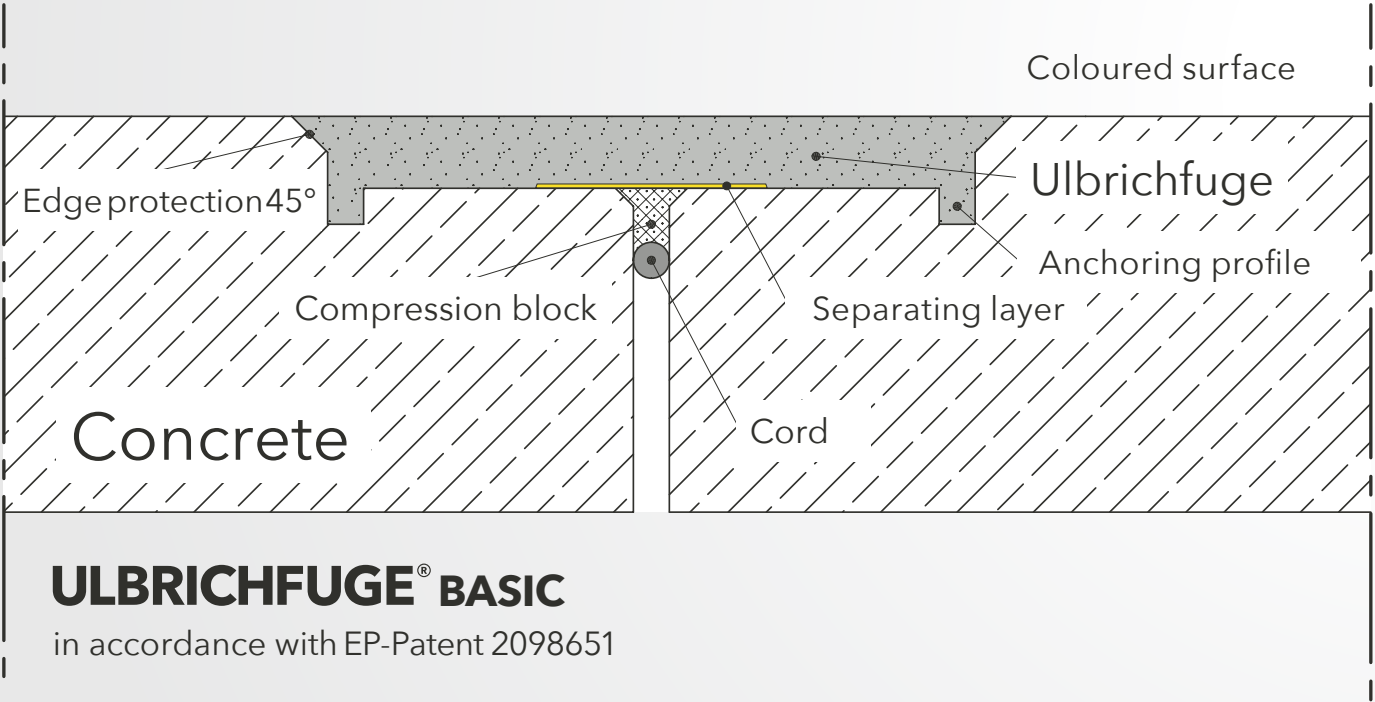
Video showing installation of WALO Ulbrichfuge®
Just three hours from starting work to driving over the floor with a forklift truck – the video provides the proof.

LOCATIONS

Walo Bertschinger AG	8953 Dietikon 1	Giessenstrasse 5	T 044 745 23 11
Walo Bertschinger AG	6030 Ebikon/Luzern	Neuhaltenring 8	T 041 444 14 41
Walo Bertschinger AG	4402 Frenkendorf	Bächliackerstrasse 10	T 061 335 92 92
Walo Bertschinger AG	5600 Lenzburg	Hardstrasse 6	T 062 886 00 50
Walo Bertschinger AG	8400 Winterthur	Stadthausstrasse 43	T 044 745 23 11
Walo Bertschinger AG Bern	3073 Gümligen/Bern	Feldstrasse 42	T 031 941 21 21
Walo Bertschinger AG Graubünden	7503 Samedan	Cho d'Punt 60	T 081 851 10 60
Walo Bertschinger AG Graubünden	7205 Zizers	Tardisstrasse 217	T 081 258 33 00
Walo Bertschinger AG Ostschweiz	9403 Goldach	Schuppis 21	T 071 292 30 30
Walo Bertschinger AG Ostschweiz	8645 Jona	St. Dionysstrasse 31-33	T 055 282 16 06
Walo Bertschinger SA Romandie	1312 Eclépens	Z.I. Le Marais	T 021 695 21 50
Walo Bertschinger SA Ticino	6807 Taverne	Via San Gottardo	T 091 923 52 81



ULBRICHFUGE® BASIC – THE ALL-ROUNDER



PROPERTIES

- Highly robust for Vulkollan and polyamide wheels
- Smooth and shock-free passage guaranteed
- Horizontal movement absorption up to +/- 13 mm and vertically up to +/- 7 mm
- Can be driven over 30 minutes after completion
- Short downtimes
- Lower maintenance costs for forklift equipment
- Back-friendly for forklift drivers
- Can also be used outdoors
- Jointless design
- Patented design
- Alkali and acid-resistant
- Low installation depth
- Easy to follow course of joints and cracks Food grade
- Fungus and germ-free
- Weatherproof
- Long service life
- Liquid-tight
- Low sound transmission
- Special designs on request

Profile type	Horizontal joint play in mm	Vertical joint play in mm	Profile depth in mm	Joint width in mm	Car + lorry load capacity in kN	Forklift truck load capacity in kN	Load capacity with hard wheels, kg/mm wheel width
B I	+/- 4	+/- 1	15	120	500	120	18
B II	+/- 5	+/- 2	15	140	500	120	18
B III	+/- 6	+/- 3	20	160	500	120	18
B IV	+/- 7	+/- 4	20	190	400	100	18
B V	+/- 8	+/- 5	20	220	400	100	18
B VI	+/- 10	+/- 6	25	250	400	100	12
B VII	+/- 11	+/- 6	25	280	200	80	12
B VIII	+/- 12	+/- 7	30	300	200	80	12
B IX	+/- 13	+/- 7	30	320	200	80	12

TECHNICAL PROPERTIES

POSSIBLE APPLICATIONS

- Freight forwarders/transport companies
- Car parks
- Industrial construction
- Logistics centres
- Pharmaceutical industry
- Chemical industry
- Hospitals and laboratories
- Food industry
- Indoor and outdoor areas

Short downtime

The special technique used means joints can be driven over just 30 minutes after completion.

Sound insulation and noise protection

Our special joint sealant has damping properties which significantly reduce noise.

Shock and vibration reduction

The patented joint material greatly reduces damage to industrial trucks caused by impact, shock and vibration.

Adhesion

Excellent adhesion is achieved on numerous substrates with liquid plastic, provided the surface has been pre-treated with an adhesion promoting primer.

Temperature-resistant

Our joint sealant is designed for use from -40°C to +90°C.

Weather-resistant

liquid plastic is insensitive to weathering due to its excellent resistance to hydrolysis, hot air and ozone.

Abrasion-resistant

Surfaces coated with liquid plastic are particularly resistant to wear when wet.

Chemically resistant

Our joint material is resistant to de-icing salt solutions and diluted, non-oxidising alkaline solutions up to +40°C.

Crack filling

Cracks can be filled permanently using liquid plastic to prevent the penetration of moisture and aggressive media.

Water impermeability

Our joint material is impermeable to water and provides a homogeneous, seamless seal with no weak points.

Water vapour and gas permeability

Although our joint material is impermeable to water, it has good water vapour permeability.

