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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.

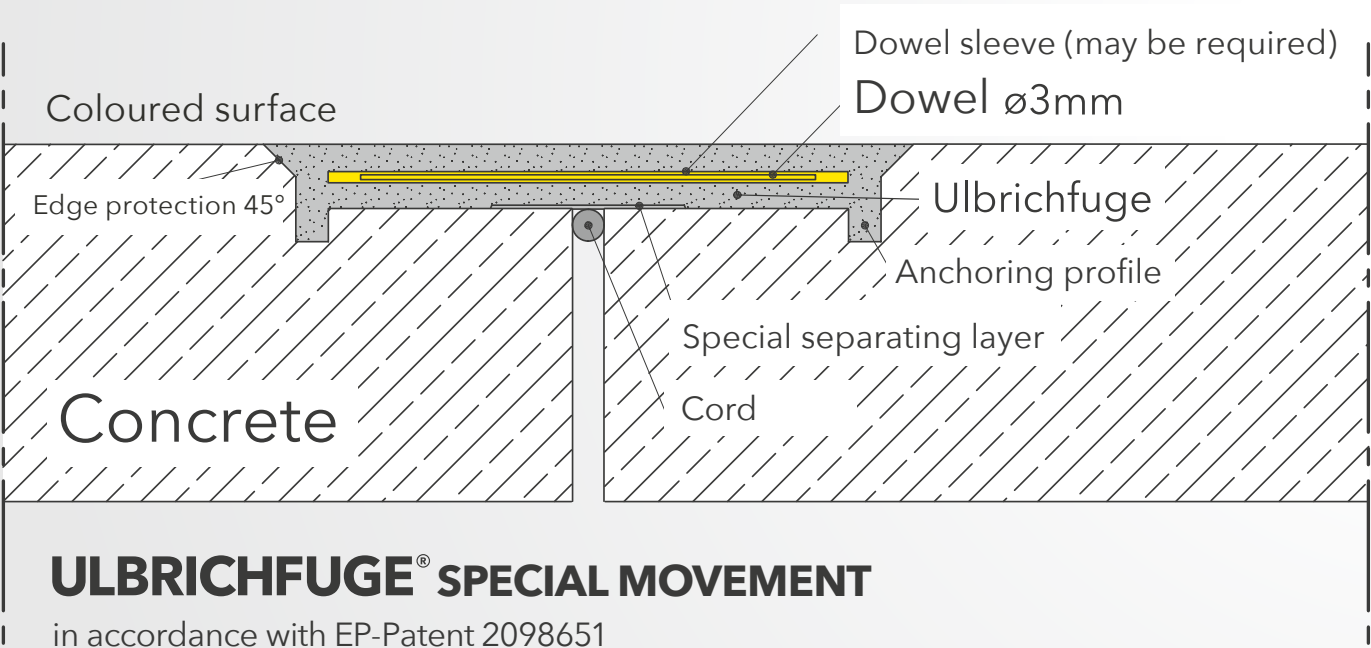
LOCATIONS

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



WALO

ULBRICHFUGE® SPECIAL MOVEMENT – FOR UNIQUE NEEDS



PROPERTIES

- Particularly suitable for car park decks
- Can be applied upwards from floors onto walls and pillars in the system
- Special construction possible as a joint compliant with German Federal Water Act (WHG) section 19
- Highly robust for Vulkollan and polyamide wheels
- Smooth and shock-free passage guaranteed
- High horizontal movement absorption up to +10/-25 mm and vertically up to +/- 10 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	Total 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
SM I	+2/-5	7	+/- 4	20	140	300	100	10
SM II	+3/-7	10	+/- 4	20	160	300	100	10
SM III	+3/-8	11	+/- 5	20	180	300	100	10
SM IV	+3/-10	13	+/- 6	20	200	300	100	10
SM V	+3/-12	15	+/- 7	20	220	300	100	10
SM VI DH	+5/-15	20	+/- 7	20	250	300	0	0
SM VII DH	+6/-17	23	+/- 8	25	280	300	0	0
SM VIII DH	+8/-19	27	+/- 8	30	300	200	0	0
SM IX DH	+9/-22	31	+/- 10	30	340	200	0	0
SM X DH	+10/-25	35	+/- 10	35	380	200	0	0

TECHNICAL PROPERTIES

- 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.

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

