



The following technical datasheet is provided by Wakol.

For further information please either give us a call or visit the manufacturer's website.

Wood Floors and Accessories cannot be held liable for the information contained within this document.
All information is correct at the time of download from the manufacturer.

Spilsby Road • Harold Hill • Romford • RM3 8SB • **T** 020 8501 6730 • **E** info@wfa.uk.net • **W** www.wfa.uk.net

Registered in England under Company No: 03746590 VAT No: 765 9995 45

WAKOL Z 626 Levelling Compound

Technical Information

Area of application

Low-tension, cement-based levelling compound for smoothing out unevenness in layers 2 - 20 mm thick underneath

- Textile flooring
- Elastic flooring
- Parquet (minimum 3 mm thickness required)
- Cork flooring

indoors.

Special properties



- chromate reduced according to REACH
- suitable for chair castors
- suitable for direct use in conjunction with surface treatment
- can be applied with a rake
- self-levelling
- can be pumped
- suitable for heavy loads from a layer thickness of 3 mm

- 1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMI CODE EC1 PLUS: very low in emissions
- 2) Emissions class according to French law
- 3) Cement-based products, low chromate
- 4) Meets the requirements of the European Community
- 5) Suitable for underfloor heating
- 6) Suitable for exposure to castor wheels

Technical data

Raw material base:	Special cement/quartz mixture with special plastic additives
Strength of coating:	up to 20 mm
Mixture:	approx. 5,25 - 5,5 l water + 22 kg WAKOL Z 626
Processing time:	approx. 25 minutes

Suitable for walking: after approx. 2 hours
Waiting time before laying: up to 5 mm layer thickness, after 6 hours
up to 10 mm layer thickness, after 12 hours up to 20 mm layer thickness, after 24 hours
Storage time: 12 months; store in a cool and dry location, tightly seal any opened bags and use as soon as possible

Application and consumption⁷⁾:

Trowel, approx. 1,5 g/m²/mm layer thickness
Rake

7) Consumption is dependent on surface structure and absorbability of subfloor

Subfloors

The subfloor as well as the room climate conditions must meet the requirements of the applicable standards and data sheets. Subfloors must be permanently dry, solid, level, free from cracks, dirt and adhesion-inhibiting substances. Use a suitable mechanical procedure to remove separating layers.

Prime cement paving, calcium sulphate concrete, concrete and other absorbent subfloors with WAKOL D 3004 Primer Concentrate, diluted 1:2 with water, or with WAKOL D 3003 Dispersion Primer. Always comply with primer drying times.

New, well sanded, standardised cast asphalt concrete does not require a primer. Prime used and poorly sanded mastic asphalt concrete as per the relevant standard, and prime old subfloors that have old, waterproof adhesive residues with WAKOL D 3004 Primer Concentrate, diluted with water at a ratio of 1:1, or with WAKOL D 3003 Dispersion Primer.

On wooden subfloors use WAKOL D 3045 Special Primer or WAKOL D 3004 Primer Concentrate.

Usage

Stir WAKOL Z 626 Levelling Compound in a clean stirring vessel with approx. 5,25 – 5,5 l clear, cold tap water until free of lumps. The mixing device must not exceed 600 rpm. Leave the compound to stand for approx. 1 minute before briefly mixing it again.

Apply stirred compound with dripper, smoothing trowel or knife uniformly to the subfloor in the desired layer thickness. Before applying the levelling compound, check whether a sufficiently sized edge strip is available.

Protect the levelling compound layer from direct sunlight and draughts while it sets.

Important

Processing not below floor temperature of +15 °C and room temperature of +18 °C, as well as room humidity preferably between 40 % and 65 %, maximum 75 %. All information is based on approx. 20 °C and 50 % relative air humidity. Warm up all laying materials in due time in heated room.

Observe 3 minimum layer thickness on non-absorbent subfloors.

When applying levelling compound in a layer thickness over 5 mm on calcium sulphate-bonded screeds, first apply only WAKOL PU 280 Polyurethane Primer or WAKOL MS 330 Silane Primer before subsequent processing with additional primer or WAKOL S 28 Sprinkling Sand. Please consult the corresponding data sheet for further details.

The layer thickness permitted on mastic asphalt (IC10 and IC15) is max. 5 mm.

For applying levelling compound on wooden subfloors that are rigidly bolted or glued to the subfloor, only use WAKOL Z 626 Levelling Compound in a maximum of 6 mm.

Do not sand levelling compound before laying parquet in order to ensure the best possible adhesion.

When used as a floor covering, a suitable surface treatment must be applied.

We recommend the use of Loba products that are marked with the Connected Systems for levelling compounds.

Please contact the Application Technology department beforehand for details about the processing of the levelling compound when used as a floor covering.

We guarantee the uniform high quality of our products. All data is based on tests and many years of practical experience and refers to standardized conditions. The variety of materials used and the different construction site conditions, which lie beyond our control, preclude any claims based on this data. We therefore recommend making sufficient trials. Accompanying flooring manufacturer's instructions and the current national standard must be observed. We gladly provide technical advice.

This Technical Information of 12.10.2023 supersedes all previous versions.

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.01.2022

Version number 1

Revision: 18.01.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** WAKOL Z 626 Levelling Compound
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Knife filler/ Surfacer
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
WAKOL GmbH
Bottenbacher Str. 30
D-66954 Pirmasens
info@wakol.com
+49 6331 8001 0
- **Informing department:**
Product safety department.
msds@wakol.de
- **1.4 Emergency telephone number:**
Emergency CONTACT (24-Hour-Number):
GBK GmbH +49 (0)6132-84463

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



corrosion

Eye Dam. 1 H318 Causes serious eye damage.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS05

- **Signal word** Danger
- **Hazard-determining components of labelling:**
Cement, portland, chemicals
- **Hazard statements**
H318 Causes serious eye damage.
- **Precautionary statements**
P261 Avoid breathing dust.
P280 Wear protective gloves / eye protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 2)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.01.2022

Version number 1



Revision: 18.01.2022

Trade name: WAKOL Z 626 Levelling Compound

(Contd. of page 1)

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
 - **Description:** Knifing filler / Surfacers
 - **Dangerous components:**
- | | |
|--|---------|
| CAS: 65997-15-1 Cement, portland, chemicals | >5-<10% |
| EINECS: 266-043-4  Eye Dam. 1, H318;  Skin Irrit. 2, H315; STOT SE 3, H335 | |
- **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing**
Do not induce vomiting; call for medical help immediately.
Rinse out mouth and then drink plenty of water.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Avoid formation of dust.
- **6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.01.2022

Version number 1

Revision: 18.01.2022

Trade name: WAKOL Z 626 Levelling Compound

(Contd. of page 2)

- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Use only in well ventilated areas.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
 - **Storage**
 - **Requirements to be met by storerooms and containers:** No special requirements.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:**
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
 - **Components with critical values that require monitoring at the workplace:**
65997-15-1 Cement, portland, chemicals
WEL Long-term value: 10* 4** mg/m³
*inhalable dust **respirable dust
 - **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
 - **Appropriate engineering controls** No further data; see item 7.
 - **Individual protection measures, such as personal protective equipment**
 - **General protective and hygienic measures**
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
 - **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
 - **Recommended filter device for short term use:** Filter P2
 - **Hand protection**



Protective gloves

Preventive skin protection by use of skin-protecting agents is recommended.

- **Material of gloves**
Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.35 mm
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.01.2022

Version number 1

Revision: 18.01.2022

Trade name: WAKOL Z 626 Levelling Compound

(Contd. of page 3)

application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection**



Tightly sealed goggles

· **Body protection: Protective work clothing**

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Physical state**

Solid

· **Colour:**

Grey

· **Smell:**

Odourless

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Undetermined.

· **Boiling point or initial boiling point and boiling range**

Undetermined.

· **Flammability**

Not determined.

· **Lower and upper explosion limit**

· **Lower:**

Not determined.

· **Upper:**

Not determined.

· **Flash point:**

Not applicable.

· **Self-inflammability:**

Product is not selfigniting.

· **Decomposition temperature:**

Not determined.

· **pH at 20 °C**

>11

· **Viscosity:**

· **Kinematic viscosity**

Not applicable.

· **kinematic (calculated) at 40°C:**

· **dynamic:**

Not applicable.

· **Solubility**

· **Water:**

Soluble.

· **Partition coefficient n-octanol/water (log value)**

Not determined.

· **Steam pressure:**

Not applicable.

· **Density and/or relative density**

· **Density at 20 °C**

2.75–3.2 g/cm³ (EN ISO 2811-1)

· **Relative density**

Not determined.

· **Vapour density**

Not applicable.

· **9.2 Other information**

· **Appearance:**

· **Form:**

Powder

· **Important information on protection of health and environment, and on safety.**

· **Explosive properties:**

Product does not present an explosion hazard.

· **VOC**

0.00 %

· **Solids content:**

100.0 % (DIN EN 827.8.2)

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.01.2022

Version number 1

Revision: 18.01.2022

Trade name: WAKOL Z 626 Levelling Compound

(Contd. of page 4)

- **Change in condition**
- **Evaporation rate** Not applicable.
- **Information with regard to physical hazard classes**
- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Void
- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Void
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity**
- **LD/LC50 values that are relevant for classification:**
- 7778-18-9 calcium sulphate, natural
- Oral LD50 > 5,000 mg/kg (rat)
- **Serious eye damage/irritation** Causes serious eye damage.
- **11.2 Information on other hazards**
- **Endocrine disrupting properties**
- None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.01.2022

Version number 1

Revision: 18.01.2022

Trade name: WAKOL Z 626 Levelling Compound

(Contd. of page 5)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Must be specially treated adhering to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- **14.1 UN number or ID number**
- **ADR, ADN, IMDG, IATA** Void
- **14.2 UN proper shipping name**
- **ADR, ADN, IMDG, IATA** Void
- **14.3 Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** Void
- **14.4 Packing group**
- **ADR, IMDG, IATA** Void
- **14.5 Environmental hazards:**
- **Marine pollutant:** No
- **14.6 Special precautions for user** Not applicable.
- **14.7 Maritime transport in bulk according to IMO instruments** Not applicable.
- **Transport/Additional information:** Not dangerous according to the above specifications.
- **UN "Model Regulation":** Void

GB

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.01.2022

Version number 1

Revision: 18.01.2022

Trade name: WAKOL Z 626 Levelling Compound

(Contd. of page 6)

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **National regulations**
- **GEV-Guideline/EMICODE:** EC 1 plus, "very low emission"
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3