



Wetherby Building Systems Ltd
 1 Kidglove Road, Golborne Enterprise Park,
 Golborne WA3 3GS
 Tel: 01942 717100
 Fax: 01942 717101
 Web: www.wbs-ltd.co.uk

HEALTH & SAFETY DATA SHEET

Product Name

Colfirmit Universal Primer
 (Colfirmit Universalgrundierung)

Colfirmit universal primer is a solvent free, pigmented, quartz filled primer.

Shades

Shades: white or according to Colfirmit Rajasil tone block, other shades on request.

Properties

- easy to apply
- quartz filled
- highly resistant against saponification
- solvent free
- almost odourless
- results in a surface with good grip
- water vapour permeable
- reduces and regulates the water absorption of highly absorptive or varying absorptive substrates

Range of Application

For exterior and interior use. Primer for firm, absorptive, mineral based substrates or substrates with organic binder. Also suitable for even gypsum or gypsum-lime-plasters and gypsum plaster boards. Primer for mineral based renders or renders with organic binder of the Colfirmit system, also for HECK insulation systems.

Composition

Organic polymer dispersion, pigments and fine quartz grains, does not form films.

Consumption

0.2 – 0.3 l/m² (if substrates are highly absorptive a higher consumption may occur).

Temperature of Substrate and Applying

+ 5 °C, minimum

Substrate

Substrate must be hardened, firm, clean, dry and fat free. Setting process of recently applied renders and concrete must be terminated. Before priming thoroughly cover all parts which are not to be primed. If primer gets to uncovered areas remove immediately.

Applying

Apply Colfirmit Universalgrundierung (Colfirmit universal primer) unthinned once with roll or brush. Depending on weather conditions wait 5 hours minimum before next coating step. Protect freshly applied primer from direct sunlight, wind and rain e.g. by covering with awnings. Do not work if night frost is possible.

Coating

With Colfirmit final renders: textured decorative render, structured render, silicate based render, resin render, coloured stone render, silicone resin render.

Note

Clean tools with water immediately after use.

Safety Instructions

- Protect eyes and skin.
- Wash off splashes to skin with water and soap.
- Ensure good ventilation.
- After contact with eyes rinse with lots of water and consult physician.
- Keep out of reach of children.
- For more information see safety data sheet.

Storage

Cool but frost free. Close containers well after use. Storage time in original containers approximately 12 months.

Quality Control

Continuous quality control of production in laboratories.

Identification of the substance/preparation and of the company/undertaking**Product details**

- **Trade name:** Colfirmit Universalgrundierung
- **Application of the substance / the preparation** Ground colour
- **Manufacturer/Supplier:**
Colfirmit Rajasil GmbH & Co.KG
Postfach 369
D - 95603 Marktredwitz Tel.: 0049/9231-8020
- **Further information obtainable from:** call Manufacturer
- **Information in case of emergency:** call Manufacturer

Composition/information on ingredients

- **Chemical characterization:**
CAS No. Description
not applicable
- **Identification number(s)** not applicable
- **Chemical characterization**
- **Dangerous components:** _____
Void

Hazards identification

- **Hazard description:**
Not applicable.
- **Information concerning particular hazards for human and environment:**
· Not applicable.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

First-aid measures

- **General information:**
Immediately remove any clothing soiled by the product.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
Induce vomiting and call for medical help.

Fire-fighting measures

- **Suitable extinguishing agents:**
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
- **Protective equipment:**
Wear self-contained respiratory protective device.
- **Additional information** Cool endangered receptacles with water spray.

Accidental release measures

- **Person-related safety precautions:**
Avoid contact with eyes and skin.
Wear protective clothing.
- **Measures for environmental protection:**
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Handling and storage

- **Handling:**
- **Information for safe handling:**
Avoid concentration higher than occupational exposure limits. Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. Smoking, eating and drinking should be prohibited in application area. Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
- **Storage: Requirements to be met by storerooms and receptacles:**
Store in accordance with local rules and legislation.
- **Information about storage in one common storage facility:**
Do not store together with oxidizing and acidic materials.
Do not store together with alkalis (caustic solutions).
- **Further information about storage conditions:**
Store between 5 and 30°C in a dry, well ventilated place away from oxidising agents, from strongly alkaline and strongly acid materials. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Exposure controls/personal protection

- **Additional information about design of technical facilities:**
No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:**
The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Avoid contact with the eyes and skin.
- **Respiratory protection:** Not required.
- **Protection of hands:** Protective gloves
- **Material of gloves** PVC gloves
- **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 protection:** Safety glasses
- **Body protection:** Protective work clothing

Physical and chemical properties

- **General Information**
- **Form:** Fluid
- **Colour:**
Different according to colouring
Whitish
- **Odour:** Characteristic
- **Change in condition**
- **Melting point/Melting range:** not applicable.
- **Boiling point/Boiling range:** 100°C (water)
- **Flash point:** Not applicable.
- **Self-igniting:** Product is not self-igniting.
- **Danger of explosion:**
Product does not present an explosion hazard.
- **Density:** at 20 °C ca.1.40 g/cm³
- **Solubility in / Miscibility with**
 - **water:** Miscible.
 - **pH-value:** ca. 9

Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.

Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
on the skin: No irritant effect.
on the eye: No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

Ecological information

- **Ecotoxicological effects:**
- **Remark:** No data known.
- **General notes:**
Water hazard class 1 (German Regulation)(Self-assessment): slightly hazardous for water.
Do not allow product to reach ground water, water course or sewage system.

Disposal considerations**Product:**

- **Recommendation**
Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
- **European waste catalogue**
08 01 11: waste paint and varnish containing organic solvents or other dangerous substances
- **Uncleaned packaging:**
- **Recommendation:**
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
- **Recommended cleansing agents:**
Water, if necessary together with cleansing agents.

Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Item:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** no
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

Regulatory information

- **Labelling according to EU guidelines:**
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- **National regulations:**
- **Waterhazard class:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

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. Changed chapters are signed with*.

- **Department issuing MSDS:** Department Development/Laboratory
- **Contact:** Point 1: Manufacturer/Supplier
- **Data compared to the previous version altered.**

Recipients of WBS products must take responsibility for existing laws and regulations and at all times operate within Health and Safety guidance on the use of these products.

The information provided within this data sheet is deemed to be accurate to the best of our knowledge and given in good faith.