KINGDOM ACRYLIC PUTTY

Product Description:
A PVA based high solid smooth putty with high quality fillers, having excellent body filling and very good coverage. It is a general-purpose filler for interior application

Features:
It is fast drying and has excellent sanding ability with very good recoat ability. It smoothly covers the surface imperfections or dents and provides a levelled smooth finish.

Recommended use & Substrate:
It is recommended as an interior body filling or surface levelling putty for concrete, plaster, gypsum, masonry works etc.

Product Data:

Finish	:	Matt
Color	:	Available in white
Specific Gravity	:	1.70 ± 0.05 @ temperature of 25°C, ASTM D - 1475
Viscosity	:	Thick paste
Flash point	:	> 100°C
VOC	:	50g/l - max
Solids by volume	:	52 ± 2 volume%, ASTM D – 5201
Spreading Rate	:	3 m²/kg theoretically @ 100µ D.F.T.

(Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.)

Surface preparation:
All new surfaces must be cured at least for 30 days prior to application of the primer. The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed

Recommended coating system:
Primer   : One coat of Kingdom primer sealer.
Topcoat   : Two coats of Kingdom acrylic putty

Application data:

Application conditions
- Surface temperature must be above 5°C during application and curing.
- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C above the dew point.

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- Provide adequate ventilation during application and drying.
- A suitable quantity of tab water can be added to get applicable viscosity.
- Do not apply on wet and moistened surfaces until completely dry.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.

Relative Humidity

- Relative humidity must be below 75% during drying and curing.

The product can be applied by

- Paste scraper
- Putty knife

Cleaning of painting tools

- Water

Recommended film thickness per coat:

Dry film thickness : 100– 200 microns (µm)

Wet film thickness : 192– 384 microns (µm)

Film thickness will vary and is calculated as average.

Thinner:

It is ready to use putty, not recommended for thinning.

Drying time:

Surface (touch) dry : 1 Hrs. @25°C

Full Dry : 2 Hrs. @ 25°C

Dry to overcoat minimum : 4 Hrs. minimum @ 25°C.

Shelf life & Storage:

Shelf life: 2 years @ 25°C.

Storage: The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Health and safety precautions:

Ensure good ventilation during and after application. Do not inhale vapors/spray. In case of contact with skin and eyes, rinse immediately with plenty of water. Avoid eating drinking or smoking during application. Keep out of reach by children.

For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling purpose.

Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the control of Pollution Act and the Environmental Protection Act."

Disclaimer:

The information in this data sheet is given according to the best of our knowledge on laboratory testing and practical experience. Kingdom Paints will not be held responsible for results arising out when applied against specified. We reserve the right to change the given without notice. For more information, visit www.kingdompaints.sa & Users should always consult Kingdom paints factory for specific guidance on the general suitability of this product for their needs and specific application practices.

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Please note that this data sheet supersedes the previous version.

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