



# EASIGLAZE®

glazing putty



## What is Easiglaze window putty?

Easiglaze window putty is superior glazing putty manufactured under strict quality control measures to the SABS 680 standard. Easiglaze putty is manufactured in two colours – grey and teak – to match steel and wooden window frames.

Both limestone and vegetable oils (the primary raw materials for putty) include organic compounds. The mineralogical and chemical characteristics can therefore change with each new batch of raw materials. Raw Easiglaze undergoes ongoing laboratory testing to ensure consistent product quality.

## Types of Easiglaze putty

Two-part: a specially formulated drying compound (included in the bag) has to be mixed with the putty before it will harden.


One-part: a formula-driven drying product (no drying compound) normally used for DIY applications.

The drying compound formula ensures consistent chemical bonding, adhesion, and a drying time of 5 to 7 days (for contractors' product) or 15 to 17 days (for DIY product).

Easiglaze has a maximum shelf life of one year when stored in an enclosed warehouse. It has a maximum glazed life of 10 years (when installed and maintained in the manner described in this document).

## What makes Easiglaze better?

- Each delivery of a raw material is tested before mixing.
- Before packing, each batch of putty is laboratory checked for limestone performance, oil absorption, penetration, product consistency, adhesion, and colour.
- Easiglaze is an environmentally friendly product. Only organic compounds are used.

- 
- Although lead can accelerate drying time, no lead products are used in the drying compound for Easiglaze two-part putty.
  - To ensure putty freshness and to minimize wastage, the packing weight of Easiglaze is normally limited to 20 kg, but larger sizes are available upon special request.
  - Each batch of putty is given a unique reference number to facilitate tracking of quality.


## The Easiglaze putty guarantee

- You only need to do the job once with Easiglaze.
- Product quality and drying time remain consistent.
- The dried putty does not crack. Our unique formulation of quality raw materials ensures a strong chemical bond and superior adhesion to the window frame.
- Technically qualified and experienced personnel are readily available for product back-up and technical support.
- Our fully equipped laboratory plays an active role in:
  - enforcing manufacturing standards
  - understanding why failures take place (when they occur) and formulating systems to ensure that they do not happen again
- We continue with our extensive series of quality checks for each batch of putty manufactured.
- Ongoing research and development ensures that we stay at the leading edge of putty glazing.
- Attention to detail extends to:
  - packaging
  - packed weight checks
- Adherence to the simple preparation instructions listed here will ensure that the GSA Sealants Guarantee for Easiglaze is honoured. If problems do occur after following these instructions, our no-quibble guarantee protects you. The detailed conditions of the guarantee are available upon request.



# EASIGLAZE®

glazing putty



## Pre-glazing preparation

By following some simple mixing principles you can ensure that Easiglaze putty will give years of problem-free performance.

Upon opening the bag, if the putty feels too stiff to work with (mostly in winter conditions), remove the outer polypropylene bag and leave the putty (in the black liner) in the sun to soften.

While glaziers have been known to use up to 2.5 kg of putty per m<sup>2</sup> of glass, the suggested usage rate is 1.8 kg of putty per m<sup>2</sup>.

1. Based upon the above formula, estimate the amount of putty required for the glazing job.
2. Set sufficient putty aside for the backing putty (no drying compound added).
3. Place any unused putty back in the black liner and fold to seal.
4. Split the putty required into four segments. Add an equal portion of drying compound to each quarter. Sufficient drying compound is provided for the bag of putty.
5. Replace the cap on the unused portion of drying compound.
6. Mix each quarter and then the four segments together, ensuring that the drying compound is mixed into the putty.
7. Knead the putty with the drying compound for 10 minutes.
8. For optimum performance ensure that unused putty (with drying compound added) is not kept for longer than 6 hours.

To ensure consistent guaranteed performance, it is imperative that no chemicals are added to the putty. Chemicals break molecular structure of the putty, adversely impacting the adhesion, bonding and long-term performance of the product.

## When glazing with Easiglaze putty

- Ensure that the frames (new or existing) are free from dust, rust, oil and dirt. Old putty should also be removed.
- Metal frames should be painted with a primer (allow the primer to dry).
- Backing putty (the putty applied to the frame behind the glass) should be 3-4 mm thick. Do not add drying compound to the backing putty; you need to allow for normal thermal expansion.
- The putty should be applied by hand (using the thumb). This will ensure sufficient adhesion to the frame.
- The putty should be applied by hand (using the thumb). This will ensure sufficient adhesion to the frame.

## Post-glazing procedures

- Allow the putty to dry before painting.
- Glazed putty should not be left unpainted for more than 25 days.
- For steel window frames:
  - Apply a universal undercoat to the frame and finished putty
  - Apply the final layers of the specified paint
- For wooden window frames:
  - Apply 2-3 coats of varnish to the frame and finished putty
  - Allow to dry between coats
- This process should be repeated after 3 months.
- A maintenance coat every 12 months ensures long-term putty performance.