

# ABOUT

# SILL REPLACEMENT...

refurbishing timber frames and improving accessibility



## Improving life cycle and accessibility

*Timber frames at ground level often have one thing in common. The lower parts close to the ground are affected by decay, wear or damage. The DTS® ReFlex system is an effective option for refurbishing damaged parts of door and window frames.*

*Moreover, the existing threshold level can be lowered at the same time. Making buildings more accessible extends their functional life. The DTS® ReFlex system improves comfort, and offers building users convenience, every day.*

- **Everlasting**
- **Sustainable**
- **Improve comfort**
- **No thermal bridge**
- **Custom-made**
- **Easy processing**
- **Maintenance free**



**before**



**after**



# Refurbishment



After a number of years, even new frames of tropical hardwood are affected by the weather, air and moisture. Often the sills, threshold and lower parts of the jambs are due for renewal. All these parts can be replaced by durable DTS® components.

## Improving building accessibility



Many refurbishment projects include measures to eliminate inconveniently high thresholds. DTS® thresholds can be fitted flush with the floor to make buildings more accessible to wheelchair users and others with impaired mobility. A lowered threshold significantly improves user comfort. The door is simply extended at the bottom to meet the new, lower threshold. These relatively limited investments allow people to continue to live in their own home for longer, and in greater comfort.

## Sustainable base material

DTS® is a patented system based on Hollodeen®, a new material developed by Kreunen Plastics Solutions. Hollodeen® is a thermoplastic material with a unique combination of properties that make it particularly suitable for use at ground level. It is impact-resistant, abrasion-resistant, unbreakable and impervious to all weather conditions. It does not absorb moisture or conduct heat, and thus prevents thermal bridging.

All standard DTS® components are custom-made, and contain approximately 90% of high-grade recycled polymers and can itself be fully reprocessed and used again.



## DTS®-ReFlex step-by-step

If a wooden threshold is affected by decay, wear or damage it can be replaced, together with the lower parts of the jambs. In this case the jambs are cut where the wood is still sound. The DTS® ReFlex threshold with jamb extensions is then connected to the remaining jambs with our unique couplers.



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PLASTIC SOLUTIONS

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