

# DATA SHEET

## ReCoat Kit [ReCoatBase+ReCoatCure] Repair Kit for Resin Vats of SLA 3D printers



**DruckWege  
Materials**

### Product Information

#### Description

DruckWege brand ReCoat deposition layers for resin vats in SLA printers are provided as two-part liquid component kits, delivered in pouches with separating chambers. When both liquid components are mixed, which easily provided through the pouches, ReCoat [ReCoatBase+ReCoatCure] cures to a flexible elastomer, to be poured on a cleaned resin vat. ReCoat enables a replacement of formerly aged layers in resin vats, which occurs generally from the impact of UV radiation during the actual print process. ReCoat cures at room temperature. Regular full curing takes about 72 hours. For higher adhesion properties to the resin vat/substrate, DruckWege primer is designed to fit ReCoat Elastomers.

#### Preparation, Mixing and Application

For best adhesion of ReCoat to resin vats, apply DruckWege primer in a very thin, uniform coating and then wiped off after application. Use a fine clean brush for the application. After using the primer, it should be cured prior to application of the ReCoat elastomer. This takes about 5 minutes. Additional instructions for the primer can be found in the separate data sheet or online on DruckWege.com.

Strip off the spacer clip, when using a ReCoat Pouch to enable free mixing of the two components [ReCoatBase+ReCoatCure]. Knead the two components as shown on the online tutorial as presented in the above link.

Cut open one side of the pouch and carefully distribute ReCoat on your resin vat surface. Curing starts at room temperature (25°C/77°F) or heat cured.

Cure reaction begins with the mixing process. Initially, cure is evidenced by a gradual increase in viscosity, followed by gelation and conversion to a solid elastomer. Pot life is defined as the time required for viscosity to double after base and curing agent are mixed and is highly temperature and application dependent. Please refer to the data table.

#### Usability and Storage

Pouch life is indicated by the "Use Before" date found on the product label. Refer to the product label for storage temperature requirements. Special precautions must be taken to prevent moisture from contacting these materials. Containers should be kept tightly closed and head or air space minimized. Partially filled containers should be purged with dry air or other gases, such as nitrogen.

#### Handling and Precautions

Product safety information required for safe use is not included in this document. Before handling, read product and material safety data sheets [including the primer] and container labels for safe use, physical and health safety hazard information. Pls. find all data and safety data sheets on our webpage: [druckwege.com](http://druckwege.com)

#### Packaging

DruckWege offers various refilling ways for ReCoat. Pls contact us for other charges or dimensions than ReCoat filled in pouches.

#### Limitation

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

#### Contacts

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