thinner

THINNER V 18 H for mixing

Heraeus Precious Coatings is a global manufacturer of precious metal decoration products for ceramics and glass. Heraeus profits from over 100 years experience in ceramic and glass decoration designs, which has always made the department a pioneer in the development of precious metal colours. Modern precious metal preparations have to meet high demands on different types of substrates – such as on porcelain, tiles, drinking glasses, flacons and bottles. Decorations have to achieve good mechanical and chemical resistance such as dishwasher durability.The products supplied by Heraeus Precious Coatings include: Bright gold and platinum products, silk-matt gold and platinum products, burnish gold and platinum products, lusters and metallo-organic preparations for technical use.

1 General information

V 18 H is the standard thinner for liquid precious metal preparations and lusters. Evaporation behaviour: Medium drying (a bit faster drying than V 39 H).

Most liquid precious metal materials like bright gold, bright platinum, bright palladium as well as silk matt gold and platinum preparations are provided ready for use. But still, applicators might like to use a bit of thinner in the application. But thinning of the liquid precious metal material is definitely required if the material should be sprayed.

2 Standard firing range

Substrate	Firing range [°C]
not applicable	

Directly to the product: Click

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3 Properties of the product

3.1 Storage

Thinner V 18 H should be stored at room temperature (20°C). We recommend using the material within 12 months time.

4 Application of the material

4.1 Recommendations for the usage

- In case you work with a standard liquid precious metal material which we supply ready to use a thinning of fresh material is not necessary. In case you nevertheless like to thin the material moderately during brushing, you can use a bit of V 18 H out of your well.
- In case such a liquid precious metal material should be sprayed, one needs to add about 30% of thinner. The exact ratio needs to be determined in own individual tests.
- If you have bought one of our liquid gold concentrates, which require substantial thinning before the brushing application, please check the product information sheet of the material for specific mixing information.

5 Safety data information

For safety data information please check our Safety Data Sheet for V 18 H.

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The statements concerning our products correspond to our current knowledge and experience. It is the obligation of the purchaser to examine the usefulness of the products in its intended use in each individual case. In order to prevent production losses the user has to test the preparations in connection with every other material being involved in the production process and has to be satisfied that the intended result can be consistently produced.