

MOUNTING

COLD MOUNTING

Cold mounting is preferred for samples which are sensitive to damage from heat and pressure (like coatings, PCB, etc.) Cold mounting resins are easy to use.

DMT Acrylic cold mounting resins

- Very fast cure time
- It requires mixing in the ratio 2:1, powder to liquid. The mix is then poured into a mould and allowed to set.

EPOCOLD Epoxy cold mounting resins

- Better results in good edge protection.
- Low shrinkage and moderate hardness.



COLD MOUNTING

| Mounting Materials | Curing Time | Compounds | Mixing Ratio Volume | Mixing Time | Peak Temperature | Color |
|--------------------|-------------|---------------|---------------------------------|-------------|------------------|--------------------|
| EPOCOLD | 8 Hour | Two Liquids | Resin: 5 Part; Hardener: 1 Part | 3 Min. | 40-60°C | Clear, Transparent |
| DMT 20 | 10 Min. | Powder/Liquid | Resin: 2 Part; Hardener: 1 Part | 4-5 Min. | 80-87°C | Semi Transparent |
| DMT 35 | 5 Min. | Powder/Liquid | Resin: 2 Part; Hardener: 1 Part | 2-3 Min. | 75-80°C | Light Green, Black |
| DMT CON | 18 Min. | Powder/Liquid | Resin: 1 Part; Hardener: 1 Part | 5 Min. | 100-106°C | Black |
| DMT ACE | 6 Min. | Powder/Liquid | Resin: 2 Part; Hardener: 1 Part | 6 Min. | 82-88°C | Green, Transparent |

DMT

Acrylic Cold Mounting Resins

| Order No | Code | Cold Mounting Resins | Type | Quantity |
|----------|---------|----------------------|---------|----------|
| 29-501 | DMT 35 | Powder | Acrylic | 1000 gr |
| 29-502 | DMT 35 | Fluid | Acrylic | 500 ml |
| 29-511 | DMT 20 | Powder (Transparent) | Acrylic | 1000 gr |
| 29-512 | DMT 20 | Fluid (Transparent) | Acrylic | 500 ml |
| 29-513 | DMT CON | Powder | Acrylic | 500 gr |
| 29-514 | DMT CON | Fluid | Acrylic | 500 ml |
| 29-515 | DMT ACE | Powder | Acrylic | 1000 gr |
| 29-516 | DMT ACE | Fluid | Acrylic | 500 ml |

EPOCOLD

Epoxy Cold Mounting Resins

| Order No | Code | Cold Mounting Resins |
|----------|------------|-------------------------|
| 29-506 | EPOCOLD -H | Epoxy Hardener (230 ml) |
| 29-505 | EPOCOLD -R | Epoxy Resin (2x500 ml) |



EPOCOLD



DMT 20

ACCESSORIES

| Order No | Descriptions Fluid |
|----------|--|
| 29-551 | Spatulas, (100 pcs) |
| 29-552 | Mixing Beakers, (10 pcs) |
| 29-553 | Embedding Form, ø 25 mm (5 pcs) |
| 29-554 | Embedding Form, ø 30 mm (5 pcs) |
| 29-555 | Embedding Form, ø 40 mm (5 pcs) |
| 29-556 | Embedding Form, ø 50 mm (5 pcs) |
| 29-601 | Stainless steel clips (100 pcs) |
| 29-602 | Plastic clips (100 pcs) |
| 29-603 | Plastic multi-clips for 5 specimens (50 pcs) |



DMT 35



DMT ACE



DMT CON