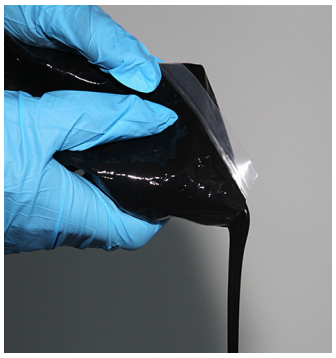


## PART NUMBERS:

| PART NO. | DESCRIPTION | PACK QTY |
|---|---|---|
| **RP1000** | 1 Litre | 1 |
| **RP1200** | 1.2 Litre | 1 |
| **RP1800** | 1.8 Litre | 1 |

## KEY FEATURES:

- Type tested according to: IEC 60455-3-8:2013
- High resistance against UV, chemicals and earth alkalines
- High hydrolysis resistance
- No halogens and plasticizers
- Good visibility of the mixing process through the transparent packaging
- High impact resistance
- Low curing temperature
- No toxic emission
- Good adhesion to all cable materials
- Recommended operating temperature between 0°C and +35°C
- Storage temperature between +10°C and +35°C, short term between -10°C and +50°C
- Excellent curing characteristics

## SPECIFICATIONS:

| **Properties** | **Unit** | **Value** | Test Method |
|---|---|---|---|
| **Potlife (process time)** | | | |
| 0.3 l at 5°C | minutes | 28 | IEC 60455-2 |
| 0.3 l at 40°C | minutes | 9 | IEC 60455-2 |
| Viscosity mixture 25°C | Mpa.s | 3000 - 6000 | |
| Gel-time | minutes | 14 | |
| Density | g / cm³ | 1,52 | EN ISO 1183-1 |
| Impact strength | kJ/m² | 36,4 (no break) | EN ISO 179 |
| Hardness | Shore D | 41 | EN ISO 868 |
| Tensile strength | MPa | 7.07 | EN ISO 527 |
| Elongation at break | % | 40 | EN ISO 527 |
| Water absorption (30d/23°C) | % | < 1,0 | |
| Curing in the presence of water - Gas volume | ml | 0 | IEC 60455-2 |
| Dielectric strength | kV / mm | > 20 | |
| Volume resistivity at room temperature | Ohm | $9x10^{14}$ | IEC 60093 |
| Volume shrinkage | % | 0,33 | |
| Temperature resistance | °C | -25 tot +120 | |
| Shelf life | months | 24 | |
| colour | | black | |
| Mixing time | minutes | 2 | |
| **Dry heat resistance: 28 days at 120°C** | | | IEC 60455-2 |
| Mass loss | % | 0.79 | HD 631.1 S2: 2007-12 |
| Impact strength | kJ/m² | 19.8 | EN ISO 179 |
| **Wet heat resistance: 28 days at 70°C** | | | IEC 60455-2 |
| Hardness | Shore D | 48.9 | EN ISO 868 |
| Tensile strength | MPa | 7.02 | EN ISO 527 |
| Elongation at break | % | 36 | EN ISO 527 |
| Dielectric strength | kV/mm | 19.74 | EN 60243-1 |

TECHNICAL DATA SHEET: CABLECRAFT RESIN

FILE NO. 8.1
ISSUE NO. 02

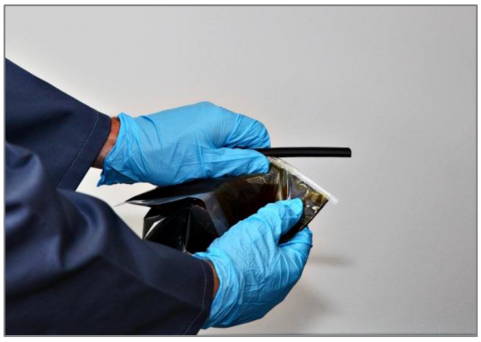
# INSTRUCTIONS:

1

- Remove the aluminium outer bag taking care not to damage the clear inner bag.
- Immediately use the resin after opening the aluminium outer bag.

**Attention:**

- Do not mix different types or brands of resins.
- Take steps to prevent damage as a result of spilling resin.
- Wear disposable gloves and process only in a well ventilated room.

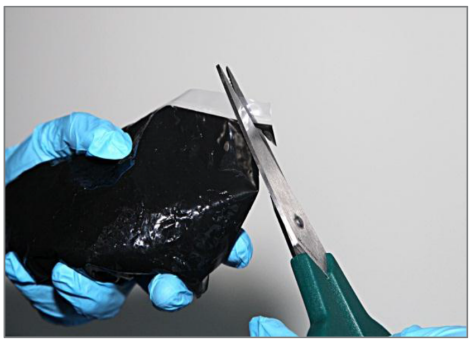


2

- Remove the separator from the centre of the bag.

3

- **Mix contents by kneading vigorously for at least two minutes.**
- Make certain all the resin compound is squeezed from the corners and edges of the bag.



4

**Pouring of the resin:**

- Cut a small edge from the bag.
- Carefully pour the resin into the joint shell.
- Empty (hardened) resin packs can be disposed as regular waste material.

TECHNICAL DATA SHEET: CABLECRAFT RESIN - INSTRUCTIONS

FILE NO. 8.1
ISSUE NO. 02

Cablecraft
A part of shoalgroup

**Phone:** 01582 606033 • **Fax:** 01582 606063 • **Email:** sales@cablecraft.co.uk • **Web:**www.cablecraft.co.uk