**Table 11.1.** Tensile test performed on different adhesives used to join strips of canvas 1-inch wide.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Breaking point (kg)** | | | |
| **Resin** | **Sample 1** | **Sample 2** | **Sample 3** | **Average value** |
| Polyamide | 3.320 | 1.330 | 1.970 | 2.206 |
| Akeogard AT35 | 0.320 | 0.430 | 0.496 | 0.415 |
| Akeogard AT35 + water (1:1) | 2.300 | 1.400 | 1.400 | 1.900 |
| Ethylene vinyl acetate (EVA) | 1.080 | 0.850 | 1.020 | 0.938 |

*Source:* {Orata 2009}. Used with permission.

**Table 11.2.** Test results for different resin mixtures performed to determine reactivation temperature and evaluate bond and reversibility.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sample** | **Resin mixture** | **Temperature** | | | | | |
| **40°C** | **50°C** | **60°C** | **70°C** | **80°C** |
| 1 | 100% Plextol B500 | W | W | W | W | W |
| 2 | 100% Dispersion K360 | S | S | G | G | G |
| 3 | 80% B500 + 20% K360 | W | W | W | S | S |
| 4 | 70% B500 + 30% K360 | W | W | S | G | G |
| 5 | 60% B500 + 40% K360 | W | S | G | G | G |
| 6 | 50% B500 + 50% K360 | S | S | G | G | G |
| 7 | 40% B500 + 60% K360 | S | S | G | G | E |

*Notes:*

Adhesion by vacuum bag (700 mbar) and constant heat for 10 mins at different temperatures.

W = Weak, S = Sufficient, G = Good, E = Excellent

*Source:* {Orata 2013}. Used with permission.