**2022-01-05**

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| What is this experiment for? | Triplets v1: curing strategy |

# **Checklist**

Position Tiles

Turn Vacuum off

Put measurement cap on

Turn Camera light off

Measure tiles

Put cap off

Turn Vacuum on

**Glue:**

|  |  |  |  |
| --- | --- | --- | --- |
| Start Time: |  |  |  |
|  | Measurements / Parameters to test | Stopwatch time | Comments |
| Glue Temperature: | 60°C |  |  |
| Weight Glue: | 9.956 g |  |
| Weight Hardener: | 0.750 g | **Start Stopwatch** |  |
| Glue Temperature: | 27 °C | 00 |  |
| Degas Pictures taken after X min: | 11,12,13 min | 00 | After 10 min not enough degassing -> glue 1 min in oven -> 30°C -> 3 more min degas |
| Glue Temperature: | 28 °C | 00 |  |
| Filling Syringe |  | 00 |  |
| Testing Dispenser |  | 00 |  |
| Leveling Procedure |  | 00 |  |
| Start Triplet 1 | Vac release before glue | 00 | Blue triplet |
| End Triplet 1 |  | 00 |  |
| Start Triplet 2 | Vac release after glue | 35:46 | Brown triplet |
| End Triplet 2 |  | 00 |  |
| Start Triplet 3 | Vac release after 24h | 00 | Yellow triplet |
| End Triplet 3 |  | 40:00 |  |
| Turn Vacuum off |  | 00 |  |
| Put measurement cap on |  | 00 |  |
| Start measurement (Repetion: x24) |  | 00 |  |
|  |

## Results

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| --- | --- | --- |
| after 10 min | after 11 min | Ein Bild, das Kunststoff, blau enthält.  Automatisch generierte Beschreibungafter 12 min |

|  |  |  |
| --- | --- | --- |
| Ein Bild, das Text, Kasten enthält.  Automatisch generierte Beschreibung |  | **Triplet Description**  - Blue Triplet  - v = 5.5mm/s  - ϕ=0.021cc/s  Vac release before gluing |
|  |  | **Triplet Description**  - brown Triplet  - v = 5.5mm/s  - ϕ=0.021cc/s  Vac release right after gluing |
|  |  | **Triplet Description**  - yellow Triplet  - v = 5.5mm/s  - ϕ=0.021cc/s  Vac release after 24h |

## Analysis Results:

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