

Reciemul P-90 (C60BP4)

EMULSIONS ■ RECYCLED MIXES WITH EMULSION

DEFINITION:

Slow breaking bituminous cationic emulsion in which the original binder is made of a bitumen modified with Elaster polymers, designed to manufacture recycled asphalt mixes, in a hot aggregate plant using a warm technique.

It meets the specifications included in standard UNE-EN 13808 for a type C60BP4 emulsion.

The properties of the residual binder will be adapted to the characteristics and degree of the ageing of the material to be recycled as well as what percentage to use in the manufacturing of the recycled mix.

SPECIFICATIONS:

| Characteristics | Unit | Standard | Min. | Max. |
|--|-------------------|----------------|----------|------|
| Original Emulsion | | | | |
| Particle polarity | - | UNE EN 1430 | Positive | |
| Breaking value (Forshammer filler) | - | UNE EN 13075-1 | 110 | 195 |
| Binder content per water content | % | UNE EN 1428 | 58 | 62 |
| Efflux time (2 mm, 40 °C) | s | UNE EN 12846 | 15 | 70 |
| Settling tendency (7 days storage) | % | UNE EN 12847 | - | 10 |
| Residue on sieving (0.5 mm) | % | UNE EN 1429 | - | 0.1 |
| Water effect on binder adhesion | % | UNE EN 13614 | 90 | - |
| Binder after distillation (UNE EN 1431) | | | | |
| Penetration (25°; 100 g; 5 s C) | 0.1mm | UNE EN 1426 | - | 100 |
| Softening point | °C | UNE EN 1427 | 50 | - |
| Cohesion (Strength-ductility 5°C) | J/cm ² | UNE EN 13589 | 0.5 | - |
| Elastic recovery (25°C) | % | UNE EN 13398 | DV | - |
| Evaporation residue (UNE EN 13074-1) | | | | |
| Penetration (25°C; 100 g; 5 s) | 0.1mm | UNE EN 1426 | - | 100 |
| Softening point | °C | UNE EN 1427 | 50 | - |
| Cohesion (Strength-ductility 5°C) | J/cm ² | UNE EN 13589 | 0.5 | - |
| Elastic recovery at (25°C) | % | UNE EN 13398 | DV | - |
| Stabilizing residue (UNE EN 13074-2) | | | | |
| Penetration (25°C; 100 g; 5 s) | 0.1mm | UNE EN 1426 | - | 100 |
| Softening point | °C | UNE EN 1427 | 50 | - |
| Cohesion (Strength-ductility 5°C) | J/cm ² | UNE EN 13589 | 0.5 | - |
| Elastic recovery (25°C) | % | UNE EN 13398 | DV | - |

DV= Value to declare by the supplier.