

# ORGAL<sup>®</sup> DURAFLEX 70

## Styrene Acrylic Copolymer

3/18

### INTRODUCTION

**Orgal DURAFLEX 70** is an APEO, ammonia and formaldehyde free, low  $T_g$ , styrene acrylic copolymer that forms a clear, elastic and slightly tacky film when dried above 0°C. **Orgal DURAFLEX 70** is recommended for thick coatings such as highly filled plasters, primers, putties. It has excellent alkali resistance and water resistance. Compatible with waterglass and lime.

### TYPICAL PROPERTIES

|   |                       |
|---|-----------------------|
| Appearance                                    | White emulsion        |
| Solid Content % $\pm 1$                       | 56                    |
| Viscosity RVT 3/20                            | 800 - 1200 cps        |
| pH  | 7.0 - 9.0             |
| Density (25°C, g/cm <sup>3</sup> ) $\pm 0.01$ | 1.04                  |
| MFFT (°C)                                     | < 0                   |
| $T_g$ (°C)                                    | - 12                  |
| Storage Stability                             | Protect from freezing |

### APPLICATION PROPERTIES

**Orgal DURAFLEX 70** is especially suitable for the formulation of elastomeric water resistant thick coatings

- Excellent alkali resistance
- Water resistance
- Excellent adhesion
- Excellent flexibility

### PRODUCT HANDLING – STORAGE – SHELF LIFE

To ensure safe storage of this emulsion, containers should be well sealed to prevent the water evaporation and skin forming. The emulsion must be stored between 5-25°C for a maximum of 12 months and freezing must be avoided.