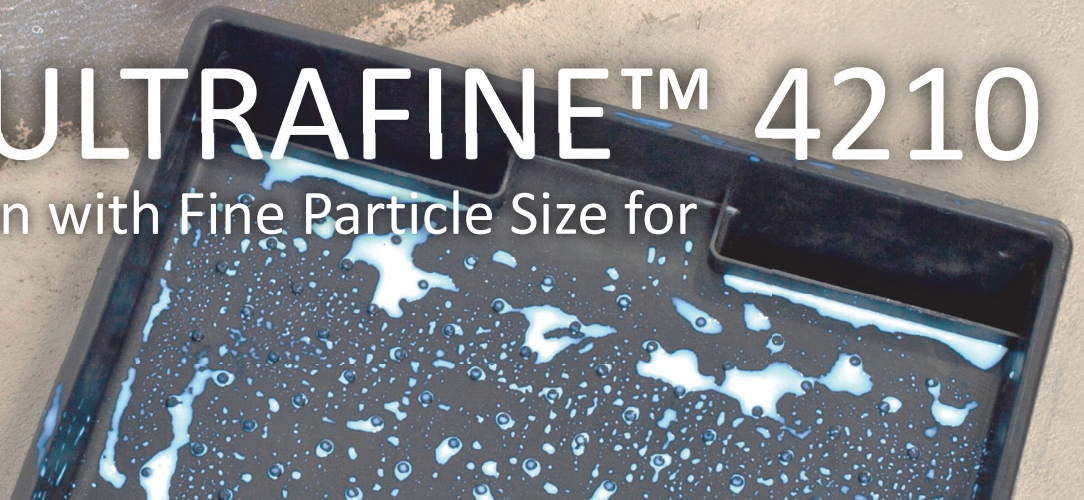




# REVACRYL ULTRAFINE™ 4210

Styrene Acrylic Dispersion with Fine Particle Size for  
Mineral Primer





# REVACRYL ULTRAFINE™ 4210: ECO AND HIGH GLOSS

## DEVELOPMENT TARGETS



- Penetration power into the substrates
- Improvement of adhesion of following coats by:
  - Consolidating the substrate
  - Evening out the local differences in substrate absorbency
  - Protecting against the emergence of salts from the substrate (efflorescence barrier effect)
- Hydrolysis stability – the majority of masonry substrate are alkaline in nature
- Good filming and electrolyte stability

# REVACRYL ULTRAFINE™ 4210: STYRENE-ACRYLIC COPOLYMER

## CHEMISTRY BEHIND



- Styrene-acrylic copolymer
- Soft polymer
- Anionic and non-ionic polymer stabilisation by surfactants without APEO units
- Neutralisation with ammonia ion

# REVACRYL ULTRAFINE™ 4210 AS IDEAL ADHESION BRIDGE

## APPLICATION PROFILE

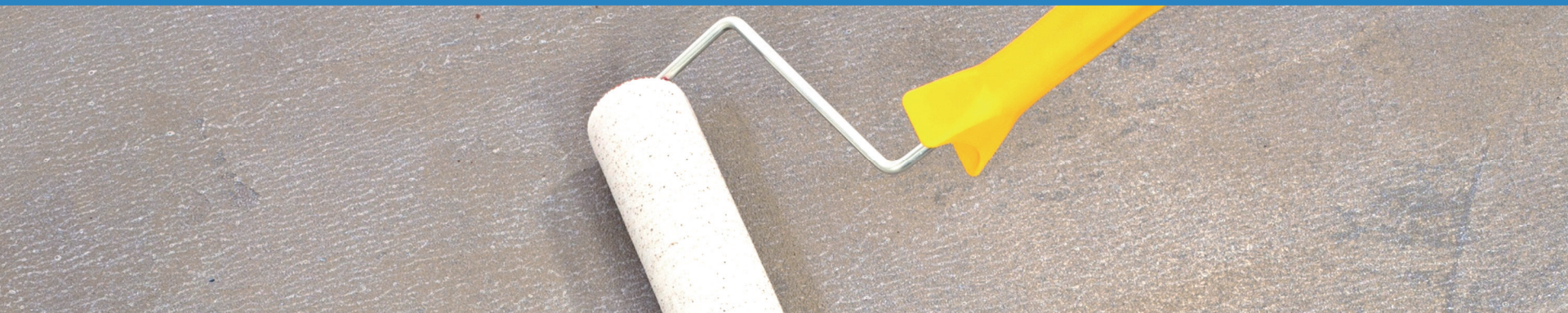


- Clear (pure dispersion + defoamer, biocide, water)
  - use: mainly applied on absorbent and porous substrates to consolidate substrate and to adjust the absorbency of substrate
- Pigmented systems
  - slightly pigmented undercoat PVC = 5% (dispersion, defoamer, biocide, dispersant, TiO<sub>2</sub>, water)
  - pigmented undercoat PVC = 30%
  - use: mainly as an “adhesion bridge” for subsequent applying of the structural plasters on non-absorbent substrates (concrete, stone)



# REVACRYL ULTRAFINE™ 4210: EXCELLENT PENETRATION

## PRODUCT BENEFITS

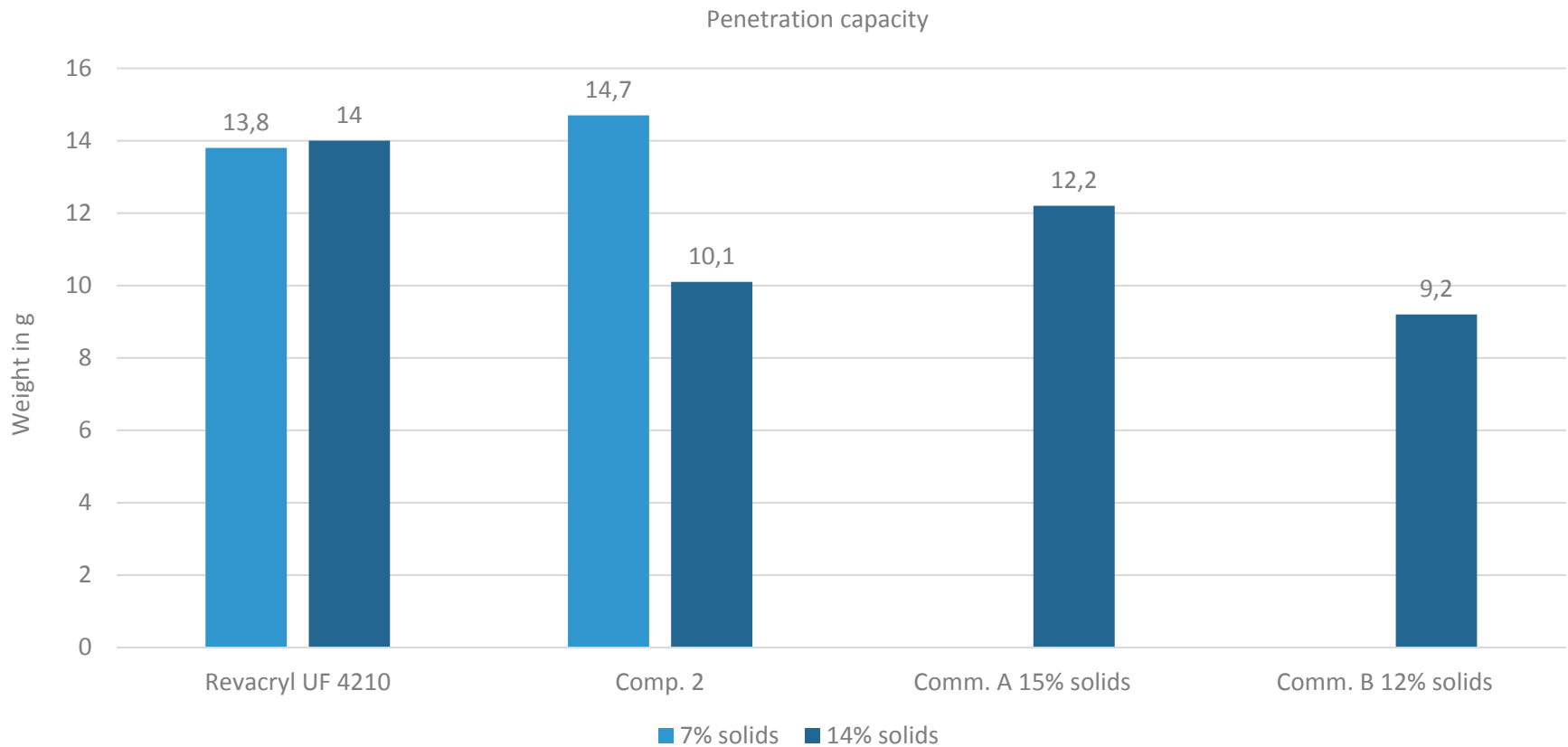


- Styrene acrylic dispersion with fine particle size
  - Formulations of penetrating primer of mineral substrates
  - Excellent penetration into porous substrates
  - High consolidation and unitization of substrates
  - Outstanding adhesion
  - Efflorescence barrier effect
- Lower tendency to foaming
- Low VOC formulation

| Property                             | Value                                      |
|--------------------------------------|--------------------------------------------|
| Solid content [%]                    | 31                                         |
| pH                                   | 7.5                                        |
| Brookfield Viscosity, (2/50) [mPa.s] | <100                                       |
| MFFT [° C]                           | 1                                          |
| Tg [°C]                              | 10                                         |
| Aspect                               | translucent or slightly milky or yellowish |
| Particle size [nm]                   | 40                                         |

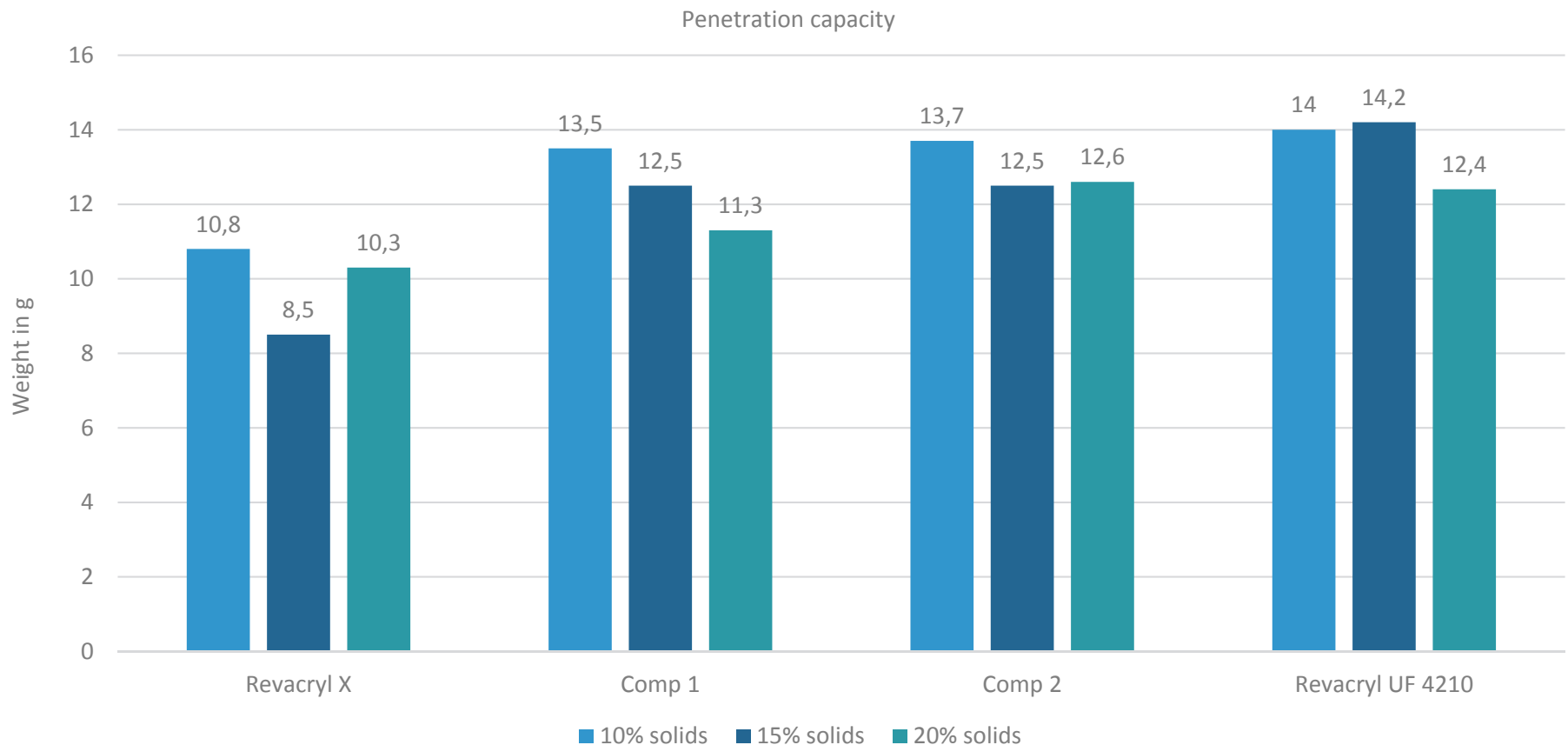
# REVACRYL ULTRAFINE™ 4210 AHEAD IN PENETRATION

## DEVELOPMENT TARGETS



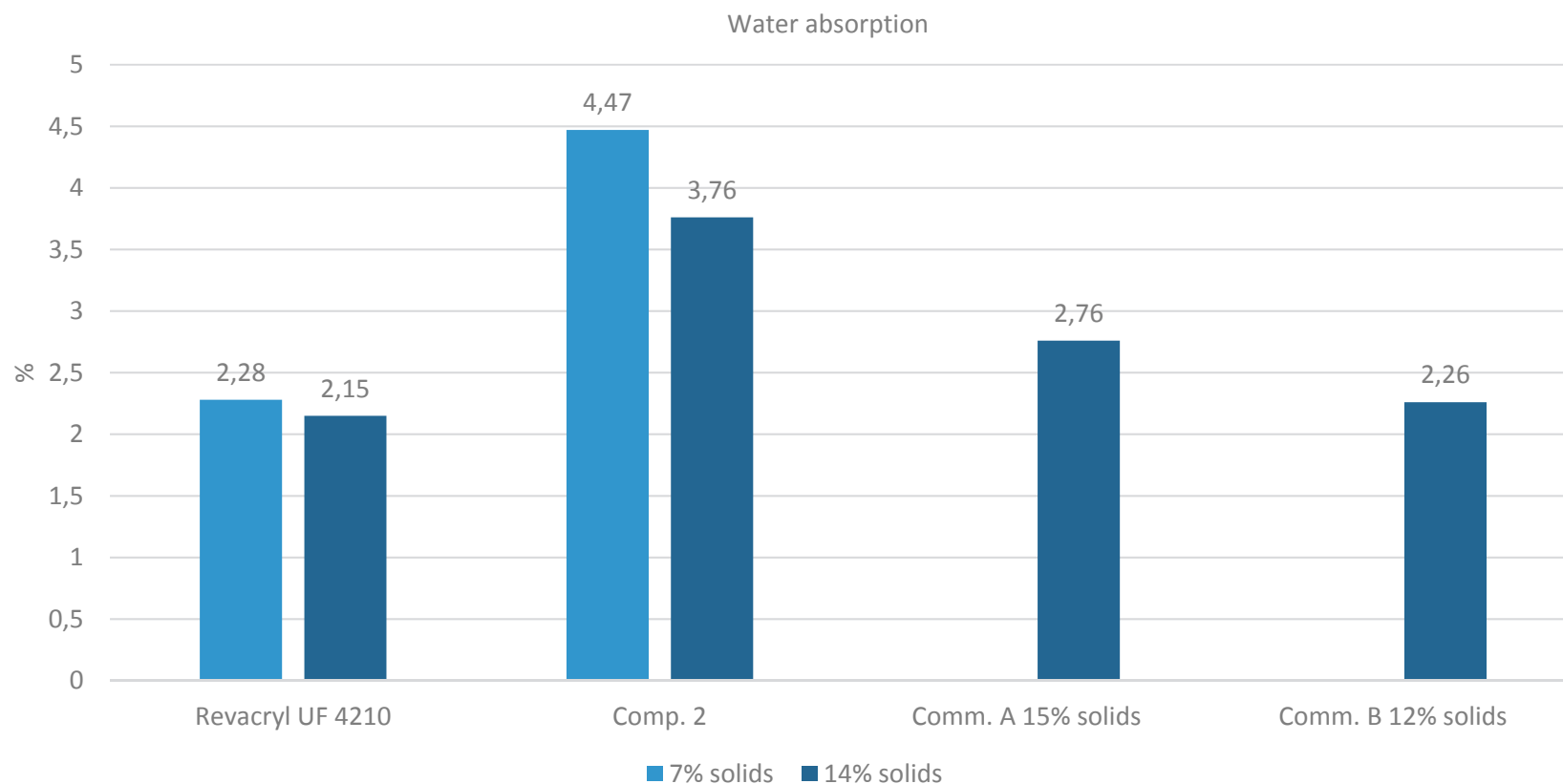
# REVACRYL ULTRAFINE™ 4210 AHEAD IN PENETRATION

## DEVELOPMENT TARGETS



# REVACRYL ULTRAFINE™ 4210 TAKING UP LESS WATER

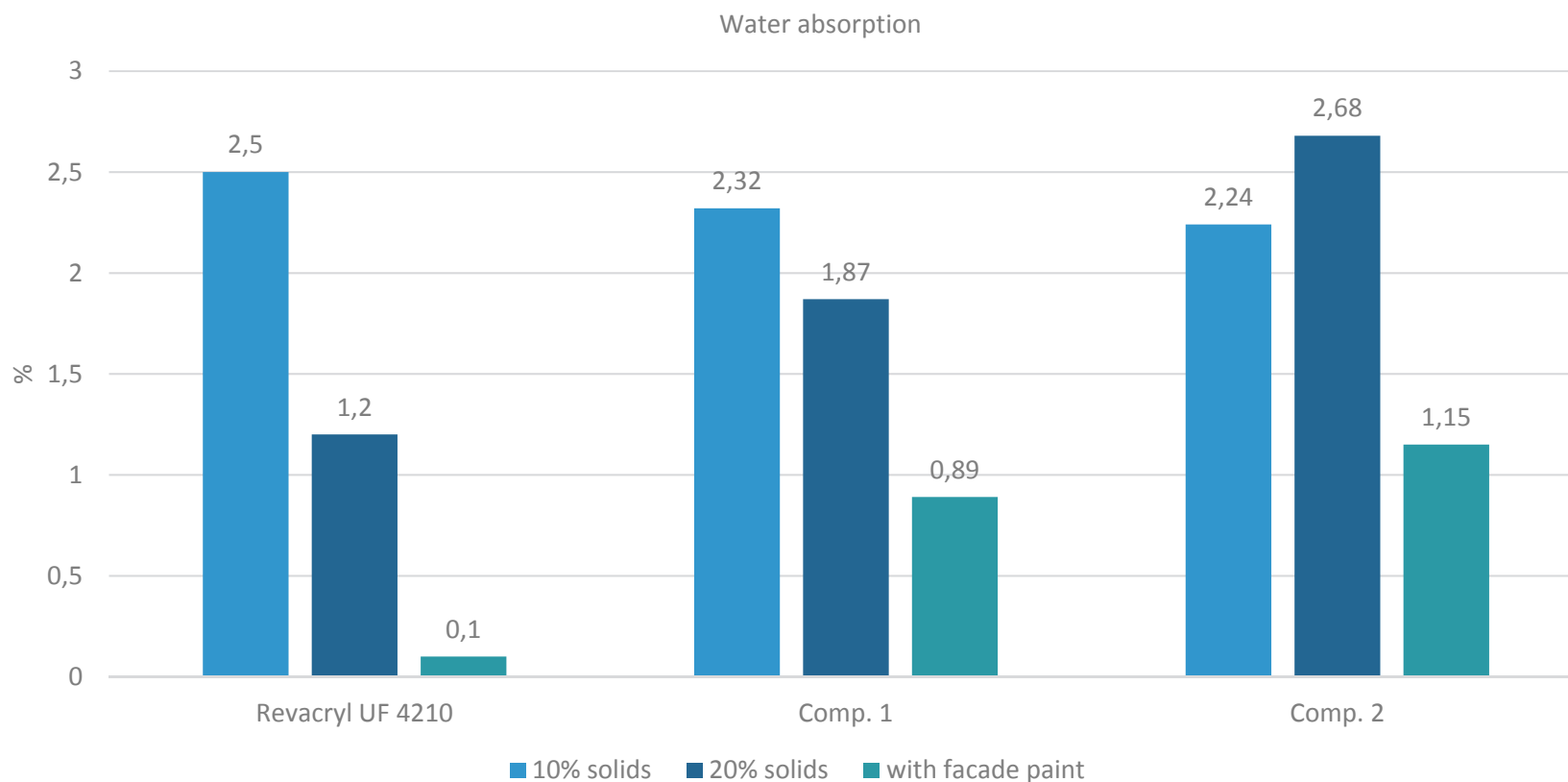
## DEVELOPMENT TARGETS





# REVACRYL ULTRAFINE™ 4210 TAKING UP LESS WATER

## DEVELOPMENT TARGETS



# REVACRYL ULTRAFINE™ 4210 AS IDEAL FIRST CONCRETE COAT

## DEVELOPMENT TARGETS



- Revacryl UltraFine 4210 provides effective solution for low porosity surface primer application
  - Excellent penetration into porous substrate
  - High consolidation of substrate
  - Outstanding adhesion
  - Barrier to salt migration
- Revacryl UltraFine 4210 as an environmentally friendly and efficient solution