



# ultrachem

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**WATER  
BASED  
COATINGS**

**Ultrachem**

**Ultrachem**  
 AQUARIUS WATER-BASED COATINGS  
**HI-GLOSS SINGLE SIDED EMULSION WBC1018**

**Ultrachem**  
 AQUARIUS WATER-BASED COATINGS  
**GLOSS DOUBLE SIDED FAST EMULSION WBC1101**

**Ultrachem**  
 AQUARIUS WATER-BASED COATINGS  
**GLOSS DOUBLE SIDED NON CRAZING EMULSION WBC1122**

**Ultrachem**  
 AQUARIUS WATER-BASED COATINGS  
**SILK DOUBLE SIDED EMULSION WBC1123**

**Ultrachem**  
 AQUARIUS WATER-BASED COATINGS  
**FULL MATT NON CRAZING EMULSION WBC1124**

**Ultrachem**  
 AQUARIUS WATER-BASED COATINGS  
**SEMI-MATT DOUBLE SIDED NON CRAZING EMULSION WBC1200**

**Ultrachem**  
 AQUARIUS WATER-BASED COATINGS  
**SATIN DOUBLE SIDED NON CRAZING EMULSION WBC1220**

**Ultrachem**  
 AQUARIUS WATER-BASED COATINGS  
**NEUTRAL DOUBLE SIDED NON CRAZING EMULSION WBC1203**



**Ultrachem**  
 AQUARIUS WATER-BASED COATINGS  
**HI-GLOSS SINGLE SIDED EMULSION WBC1018**  
 A single side high gloss emulsion coating that offers very good levels of gloss and UV protection.  
**SALES OFFICE: 0845 305 1600**  
 Ultrachem Ltd., Unit 3, Electra, Bidder Street, London E16 4ES

**Ultrachem**  
 AQUARIUS WATER-BASED COATINGS  
**SEMI-MATT DOUBLE SIDED NON CRAZING EMULSION WBC1200**  
 This double sided semi-matt emulsion is designed to eliminate crazing problems particularly when coating over crumpled type papers.  
**SALES OFFICE: 0845 305 1600**  
 Ultrachem Ltd., Unit 3, Electra, Bidder Street, London E16 4ES

**Ultrachem**  
 AQUARIUS WATER-BASED COATINGS  
**SATIN DOUBLE SIDED NON CRAZING EMULSION WBC1220**  
 A satin emulsion designed to eliminate crazing problems particularly when coating over crumpled type papers.  
**SALES OFFICE: 0845 305 1600**  
 Ultrachem Ltd., Unit 3, Electra, Bidder Street, London E16 4ES

**Ultrachem**  
 AQUARIUS WATER-BASED COATINGS  
**NEUTRAL DOUBLE SIDED NON CRAZING EMULSION WBC1203**  
 A double sided emulsion with a neutral finish that sets rapidly.  
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 Ultrachem Ltd., Unit 3, Electra, Bidder Street, London E16 4ES

**Ultrachem**  
 AQUARIUS WATER-BASED COATINGS  
**SEMI-MATT DOUBLE SIDED NON CRAZING EMULSION WBC1200**  
 This double sided semi-matt emulsion is designed to eliminate crazing problems particularly when coating over crumpled type papers.  
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# coatings

GLOSS

Ultrachem supply a range of water-based coatings, all manufactured to the highest specifications using FDA approved raw materials and are approximately 50% water, giving superb printed results when applied via most anilox and 3-roll nip in-line dedicated coating units. They are dried by hot-air that must be exhausted efficiently away from the delivery end of the press.

Water-based coatings are available in a range of finishes from matt and satin, up to water white high gloss. They have the advantage of producing finishes that are fast drying, printed wet-on-wet over conventional O/S inks, producing an even finish over printed and non-printed areas without the risk of "crazing". The use of spray powder will be greatly reduced or even eliminated.

Ultrachem also supply a "fast" range of coatings which have been developed for the latest high speed presses printing on low grammage paper stocks.

If you have any queries concerning which coating best suits your requirements please contact your Ultrachem Sales Representative.



## GLOSS D/S NON-CRAZING EMULSION

Formulated to eliminate crazing problems particularly when coating over chromalux type papers and is suitable for use via conventional in-line dedicated coater on paper and board. Double Sided Non-Crazing Gloss Emulsion dries fast and has good levels of gloss and excellent scuff and blocking resistance and is suitable for use on food packaging.

**GLOSS:** 60-65

**VISCOSITY:** 35-60

**CODE:** WBC1133

## GLOSS D/S FAST EMULSION

This very fast drying gloss water-based emulsion is suitable for use via conventional in-line dedicated coater on paper, board and non-absorbent substrates. When dry the emulsion shows good levels of gloss and resistance properties.

**GLOSS:** 50-55

**VISCOSITY:** 35-60

**CODE:** WBC1101

## HI-GLOSS S/S EMULSION

A single sided high gloss emulsion coating that shows very good levels of gloss and ink protection. Hi-Gloss is suitable for use via conventional in-line dedicated coater on paper and board.

**GLOSS:** 65+

**VISCOSITY:** 35-60

**CODE:** WBC1018



## SILK D/S NON-CRAZING EMULSION

Formulated to eliminate crazing problems particularly when coating over chromalux type papers and is suitable for use via conventional in-line dedicated coater on paper and board. Double Sided Non-Crazing Silk Emulsion dries fast and has good levels of gloss and excellent scuff and blocking resistance and is suitable for use on food packaging.

**GLOSS:** 45-50

**VISCOSITY:** 35-60

**CODE:** WBC1210

## SILK D/S FAST EMULSION

This very fast drying silk water-based emulsion is suitable for use via conventional in-line dedicated coater on paper, board and non-absorbent substrates. When dry the emulsion shows good levels of gloss and resistance properties.

**GLOSS:** 40-45

**VISCOSITY:** 35-60

**CODE:** WBC1206

## NEUTRAL D/S NON-CRAZING EMULSION

Formulated to eliminate crazing problems particularly when coating over chromalux type papers and is suitable for use via conventional in-line dedicated coater on paper and board. Double Sided Non-Crazing Neutral Emulsion dries fast and has good levels of gloss and excellent scuff and blocking resistance and is suitable for use on food packaging.

**GLOSS:** 25-30

**VISCOSITY:** 35-60

**CODE:** WBC1203

## NEUTRAL D/S FAST EMULSION

This very fast drying neutral water-based emulsion is suitable for use via conventional in-line dedicated coater on paper, board and non-absorbent substrates. When dry the emulsion shows good levels of gloss and resistance properties.

**GLOSS:** 25-30

**VISCOSITY:** 35-60

**CODE:** WBC1201

SATIN



## SATIN D/S NON-CRAZING EMULSION

Formulated to eliminate crazing problems particularly when coating over chromalux type papers and is suitable for use via conventional in-line dedicated coater on paper and board. Double Sided Non-Crazing Satin Emulsion dries fast and has good levels of gloss and excellent scuff and blocking resistance and is suitable for use on food packaging.

**GLOSS:** 30-35  
**VISCOSITY:** 35-60  
**CODE:** WBC1220

## SATIN D/S FAST EMULSION

This very fast drying satin water-based emulsion is suitable for use via conventional in-line dedicated coater on paper, board and non-absorbent substrates. When dry the emulsion shows good levels of gloss and resistance properties.

**GLOSS:** 30-35  
**VISCOSITY:** 35-60  
**CODE:** WBC1207



SEMI-MATT



## SEMI MATT D/S NON-CRAZING EMULSION

Formulated to eliminate crazing problems particularly when coating over chromalux type papers and is suitable for use via conventional in-line dedicated coater on paper and board. Double Sided Non-Crazing Semi-Matt Emulsion dries fast and has good levels of gloss and excellent scuff and blocking resistance and is suitable for use on food packaging.

**GLOSS:** 15-20  
**VISCOSITY:** 35-60  
**CODE:** WBC1200

## SEMI MATT D/S FAST EMULSION

This very fast drying semi-matt water-based emulsion is suitable for use via conventional in-line dedicated coater on paper, board and non-absorbent substrates. When dry the emulsion shows good levels of gloss and resistance properties.

**GLOSS:** 5-10  
**VISCOSITY:** 35-60  
**CODE:** WBC1221

MATT



WASH-UP



## FULL MATT D/S NON-CRAZING EMULSION

Formulated to eliminate crazing problems particularly when coating over chromalux type papers and is suitable for use via conventional in-line dedicated coater on paper and board. Double Sided Non-Crazing Full Matt Emulsion dries fast and has good levels of gloss and excellent scuff and blocking resistance and is suitable for use on food packaging.

**GLOSS:** 5-10  
**VISCOSITY:** 35-60  
**CODE:** WBC1204

## UNIVERSAL MATT EMULSION

Formulated to give an even streak free Matt effect and is suitable for use via conventional in-line dedicated coater on paper and board.

**GLOSS:** 5-10  
**VISCOSITY:** 45  
**CODE:** WBC124145



## EMULSION WASH-UP

This effective cleaning solution has been specially developed for the removal of semi-dried and dried emulsion coatings from the application equipment. It can also be diluted to make an excellent flushing solution for pipes and pumps, keeping the application machine in perfect condition and prepared for the next coating run.

