

# VINYBLAN<sup>®</sup> 700 series for PVC Floor Coating

VINYBLAN 700 series is a polymerized vinyl chloride emulsion that has been developed without the use of any emulsifier. It has many great features suitable for PVC floor coating.

## Why is VINYBLAN 700 series good for PVC flooring coating ?

- It has excellent adhesion to PVC.
- It has excellent abrasion resistance.
- It has excellent water resistance.
- It has excellent alcohol resistance.

## Grades

Grade	Solid Content (%)	VC (%)	Viscosity (mPa·s)	PH	Particle Size (nm)	Tg (°C)	MFT (°C)
701	30	50	50	7.5	30	73	Min. 80
745	30	50	20	7.5	70	57	58
747	30	70	50	7.5	50	66	Min. 80
715S	23	50	50	7.5	90	25	0

# Performance Data

## [Specimen Preparation]

Experiment sample :

(1)Acrylic Emulsion, (2)Acrylic Emulsion : VINYBLAN 715S=1:1, (3)VINYBLAN 715S

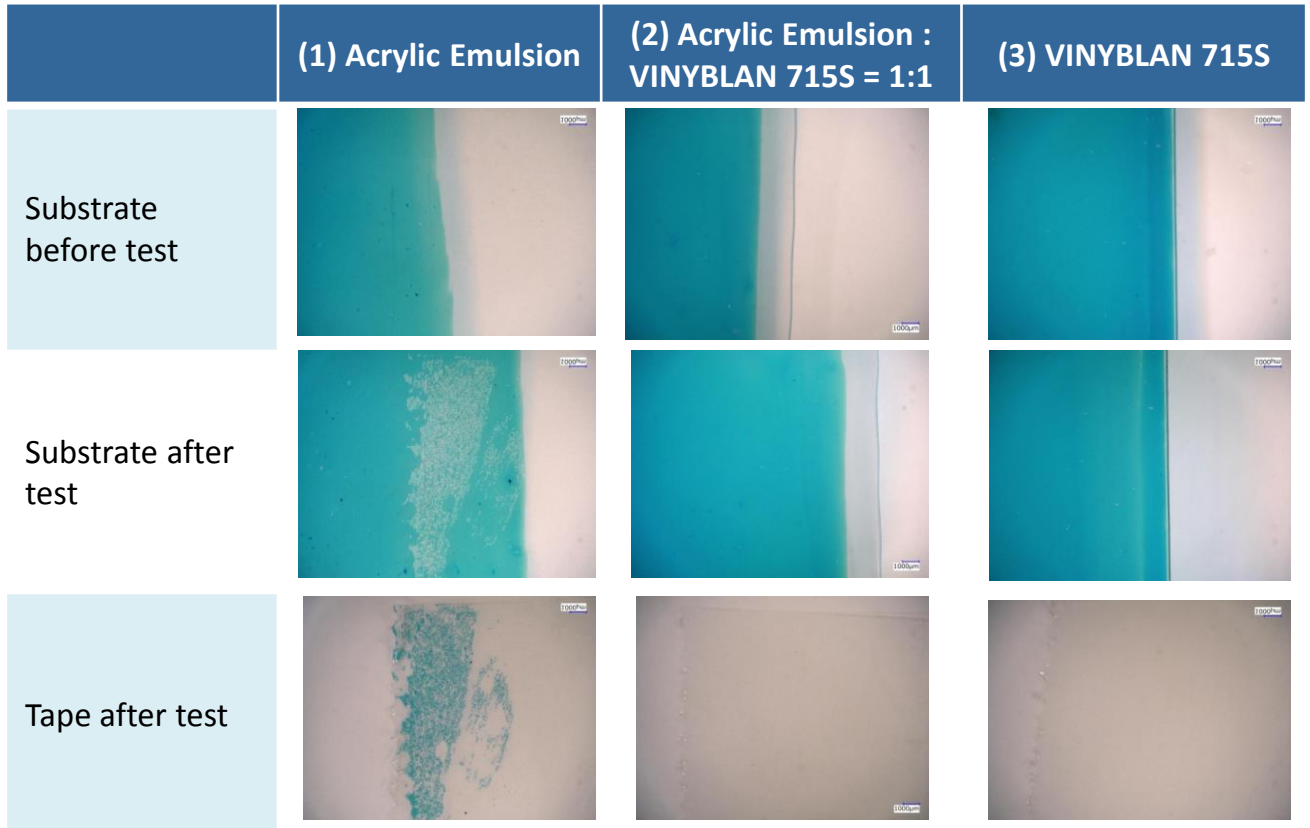
Substrate: PVC sheet (SUMILITE® VSS-1202 by Sumitomo Bakelite Co., Ltd.)

Paint: Painted 10.1g / m<sup>2</sup> on each substrate with Bar Coater No. 22

Drying Condition : 80 degree C x 3minutes

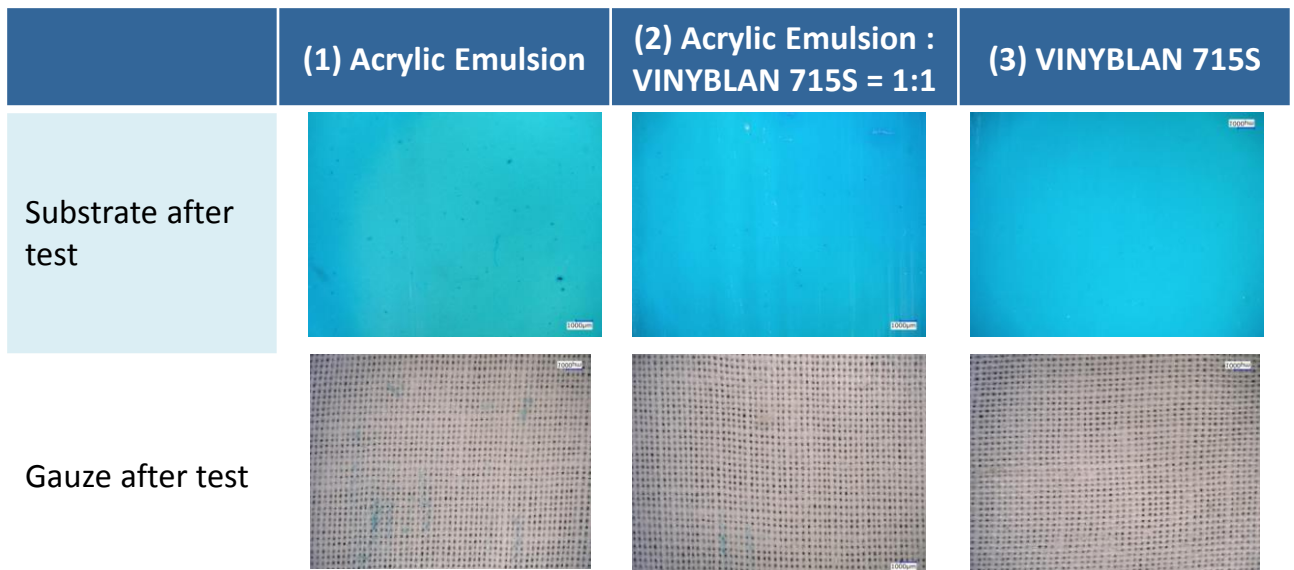
### 1. Adhesion Test

Tape pull test was carried out.



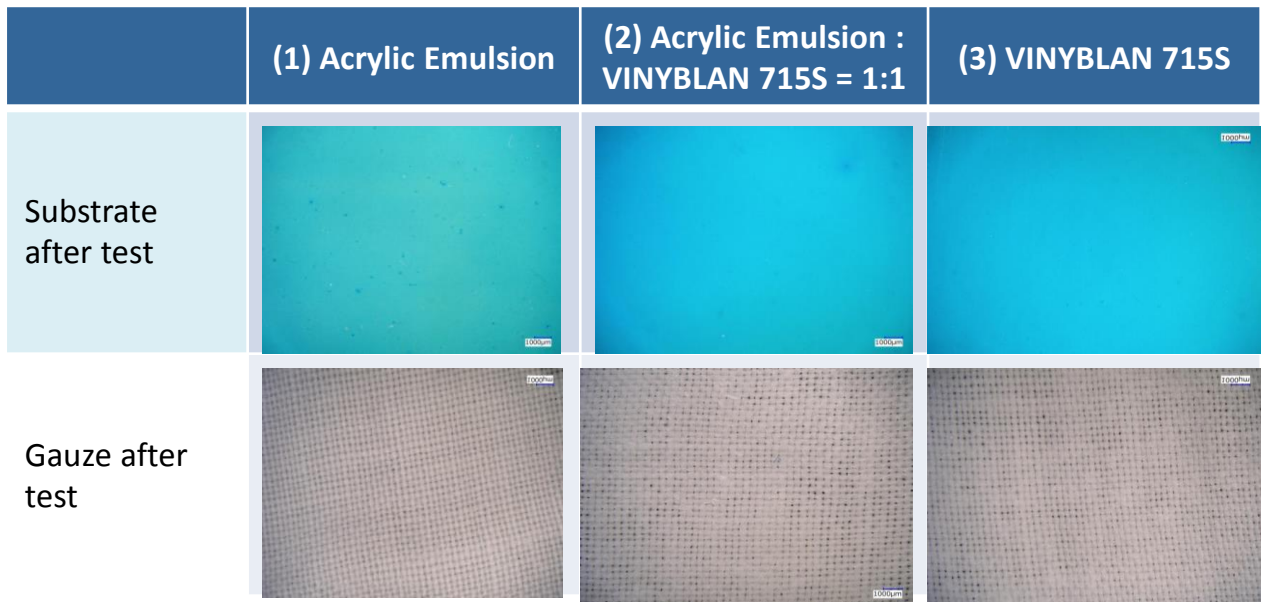
### 2. Abrasion Resistance Test

Rubbing test was carried out using gauze (load 200g, repeated 30 times).



### 3. Water Resistance Test

Rubbing test was carried out using gauze dipped in water (load 200g, repeated 30 times).



### 4. Alcohol Resistance Test

Rubbing test was carried out using gauze dipped in IPA (load 200g, repeated 30 times).

