




Water-Borne Polymers



JAC
polymers
Jordanian Austrian Chemicals Co. Ltd
الشركة الاردنية النمساوية للكيمياويات



“To move forward with ambition”

Jordan Austrian Chemicals managements' main objective is to create the necessary environment for perpetual progress that creates an added value for all business stakeholders. We are fully aware of the importance of developing and integrating a shared set of common values that goes towards establishing an ethos for all individuals within the organization. Whereby realizing our philosophy of establishing long term growth and continuous capability development, can only be reinforced by cementing such common values.

Vision:

We strive to advance the development of sustainable water-born polymer chemistry through an established culture of innovation.

Mission:

We thrive on manufacturing water-borne polymers of the highest quality and in-product performance, while maintaining one of the best production consistency standards. By being trusted partners, we align our values and functions to meet the needs of all our stakeholders, employees, suppliers, distributors, and community.

Emulsion Polymers For Paints & Coatings

JAC-D 150

Vinyl Acetate /Acrylic Copolymer emulsion, designed to be used for interior and exterior semi-gloss and gloss architectural paints. It is also well suited for producing wall putties and economical interior paints with good scrub resistance.

JAC-D 240

Vinyl Acetate/Veova Copolymer emulsion, specially formulated for interior and exterior architectural paints with high adhesion and excellent resistance to water and UV light. It is also suitable for production of specialty decorative putties.

JAC-D 290

Vinyl Acetate/Veova Copolymer emulsion, specially modified to produce high quality interior and exterior architectural paints with outstanding adhesion and high resistance to water and UV light. It is as well suited to produce special effect decorative paints.

JAC-P 655

Medium viscosity Pure Acrylic emulsion polymer, specially designed for high performance interior/exterior architectural paints with an outstanding weather resistance.

JAC-ST 350N

General purpose Styrene Acrylic emulsion copolymer for interior and exterior applications. It is specially designed for high PVC paints and when high scrub resistance is required. It is also suitable for producing texture coatings and specialty decorative putties.

JAC-ST 390N

Styrene Acrylic emulsion copolymer for exterior applications. It is specially used where elasticity and high adhesion are required to protect against tough weather conditions with high durability and water resistance and provides excellent protection against the UV light. It is also used for roof coating, texture paint and moisture barrier coating and it is well suited to be used for making special putties for joints where elasticity is required. In addition it is compatible with cement for special applications.

JAC-ST 395LVH

Styrene Acrylic emulsion copolymer for exterior applications with low viscosity and higher solid content. It is similar to JAC-ST 390N in its properties and uses, but can provide better performance where higher elasticity, moisture barrier and protection against tough weathers are required.

JAC-D 51

Synthetic polymer that acts as an Ideal Sealer/Primer for interior and exterior porous surfaces such as cement, plastered walls and gypsum boards, to seal completely their pores. When it is used properly, it creates a smooth and uniform surface which provides a better adhesion to the substrate and the subsequent coats of paint.





Core Winding Adhesives

All JAC Core Winding adhesives have excellent adhesion with optimal initial wet tack and fast setting.

- JAC-D 41** Suitable for general purpose core winding applications
- JAC-D 35-F** Suitable for light duty core winding applications.
- JAC-D 52 CW** Suitable for heavy duty core winding applications.

Textile Loading Adhesives

- JAC-D 40HH** Used for Textile hard loading finish with excellent water resistance.
- JAC-D 40H** Used for Textile soft loading finish with excellent water resistance.

Paper and Carton Adhesives

- JAC-D 40-12** High performance carton box forming glue with a strong bonding.
- JAC-D 40-12HS** Specially modified glue for carton box forming where nozzle application is required with a strong bonding.
- JAC-D 52** General purpose paper glue with a strong bonding.

Wood Working Adhesives

- JAC-D 40** Specially modified strong holding glue for wood furniture manufacturing with medium open time and is suitable for hot/cold press applications.
- JAC-D 50** High quality wood glue, easy to apply with excellent bonding for hot/cold press applications.
- JAC-D 50LL** Economical general purpose wood glue, easy to apply with good bonding properties.

Carpet Finishing Adhesives

- JAC-T 800** Specially formulated adhesive for high filling capacity and flexible carpet backing. It is easy to spread with a very low odor emission. It also provides excellent dry film fungal resistance
- JAC-T 814** Specially formulated as a general purpose carpet finish adhesive to provide flexible carpet backing and dry film fungal resistance. It is easy to spread with a very low odor emission.



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CHEMICAL-PHYSICAL PROPERTIES					USES					
Product Name	Chemical Composition	Total Solid % ± 1	Brookfield Viscosity at 25 °C (Cps)	pH	Emulsion Polymers For Paints & Coatings	Core Winding Adhesives	Textile Loading Adhesives	Paper & Carton Adhesives	Wood Working Adhesives	Carpet Finishing Adhesives
JAC-D 150	VA/AC	50	15000 - 35000	4.5 - 5.0	●					
JAC-D 240	VA/Veova	50	20000 - 35000	4.5 - 5.0	●					
JAC-D 290	VA/Veova	53	25000 - 40000	4.5 - 5.0	●					
JAC-P 655	P/AC	50	< 500	8.0 - 10	●					
JAC-ST 350 N	S/AC	50	25000 - 40000	8.0 - 10	●					
JAC-ST 390 N	S/AC	50	20000 - 40000	8.0 - 9.0	●					
JAC-ST 395LVH	S/AC	55	300 - 2000	7.5 - 8.5	●					
JAC-D 51	VA	50	70000 - 90000	4.5 - 5.5	●					
JAC-D 41	VA	39	6000 - 9000	4.5 - 5.5		●				
JAC-D 35-F	VA	40	30000 - 40000	4.5 - 6.0		●				
JAC-D 52 CW	VA	40	10000 - 13000	4.5 - 5.5		●				
JAC-D 40HH	VA	45	70000 - 120000	4.5 - 5.5			●			
JAC-D 40H	VA	36	50000 - 100000	4.5 - 5.5			●			
JAC-D 40-12	VA	45	8000 - 15000	4.5 - 5.5				●		
JAC-D 40-12HS	VA	53	12000 - 17000	4.5 - 5.5				●		
JAC-D 52	VA	50	70000 - 100000	4.5 - 5.5				●		
JAC-D 40	VA	51	52000 - 75000	4.5 - 5.5					●	
JAC-D 50	VA	50	105000 - 130000	4.5 - 5.5					●	
JAC-D 50LL	VA	40	70000 - 100000	4.5 - 5.5					●	
JAC-T 800	VA	50	15000 - 35000	4.5 - 5.0						●
JAC-T 814 LV	VA	51	1000 - 2000	4.5 - 5.0						●

LEGEND

P/AC	Pure Acrylic	VA	Vinyl Acetate Homopolymer
VA/AC	Vinyl Acetate /Acrylic Copolymer	S/AC	Styrene Acrylic Copolymer
VA/Veova	Vinyl Acetate/Veova Copolymer	●	Main Use

*Viscosity measured by Sheen Viscometer VM1 /VM2.

Sahab, Abdallah II Industrial Estate, Str. (K)
Building Number 190
P.O.Box 118 Amman 11512 Jordan

T. +962 6 402 9491/2
F. +962 6 402 9493
jac@jacpolymers.com

www.jacpolymers.com