## batimix.

### **Vinyl Acetate Homopolymers Dry Solids Content < 50%**

	BATIMIX	BATIMIX	BATIMIX	BATIMIX	BATIMIX
	POLYVAC	POLYVAC	POLYVAC	POLYVAC	POLYVAC
	® 110	® 111	® 112	® 114	® 118
SPECIFICATIONS					
	Homopolymer of Vinyl Acetate	Homopolymer of Vinyl Acetate	Homopolymer of Vinyl Acetate	Homopolymer of Vinyl Acetate	Homopolymer of Vinyl Acetate
	smooth, white liquid	smooth, white liquid	smooth, white liquid	smooth, white liquid	smooth, white liquid
	clear, brittle	clear, slightly flexible	clear, moderately flexible	clear, flexible	clear, highly flexible
	nonionic	nonionic	nonionic	nonionic	nonionic
0 0	Polyvinyl Alcohol	Polyvinyl Alcohol	Polyvinyl Alcohol	Polyvinyl Alcohol	Polyvinyl Alcohol
Plasticizer	-		Dibutyl Phthalate	•	Dibutyl Phthalate
	0	1	2	4	9
	5 ± 1 1.07 ± 0.02	5 ± 1 1.07 ± 0.02	5 ± 1 1.07 ± 0.02		5 ± 1 1.07 ± 0.02
,	50 ± 1	50 ± 1	51 ± 1	52 ± 1	53 ± 1
ny deliae content [70]					
TYPICAL PROPERTIES					
/iscosity [cP, Brookfield RVT sp7 at	70.000 - 40.000	70.000 - 40.000	70.000 - 40.000	00.000 - 10.000	00.000 - 40.000
F / 2	70.000 ± 10.000 ≤2	70.000 ± 10.000 ≤2	70.000 ± 10.000 ≤2	80.000 ± 10.000 ≤2	90.000 ± 10.000 ≤2
3 1	≤2 ≤0.5	≤2 ≤0.5	≤2 ≤0.5	≤2 ≤0.5	≤2 ≤0.5
• •	≤0.1	≤0.1	≤0.1	≤0.1	≤0.1
	15	12	10		2
	30 ± 2	30 ± 2	30 ± 2	30 ± 2	30 ± 2
	Excellent	Excellent	Excellent	Excellent	Excellent
General Information					
	High viscosity binder base for paints, putty and adhesives. Adhesive for wood, leather, paper, cardboard and packaging. PVA emulsion for textile finishing and carpet back-sizing.	binder base for paints, putty and adhesives. Adhesive for wood, leather, paper, cardboard and packaging.	High viscosity, moderately flexible binder base for paints, putty and adhesives. Adhesive for wood, leather, paper, cardboard and packaging. PVA emulsion for textile finishing and carpet back-sizing.	High viscosity, flexible adhesive for paperboard, cardboard, paper bags, packaging and bookbinding.	High viscosity, highly flexible adhesive for paperboard, cardboard, paper bags and packaging. Recommended for bookbinding.
Storage & Handling	Containers should be well sealed and stored at a temperature above freezing; a temperature of 5-35°C is recommended. Higher temperatures or a bad seal could affect quality and cause formation of crusts and skin on the surface of the emulsion. Make sure containers are tightly closed at all times and not subjected to extreme temperatures, direct sunlight or heat for prolonged periods. If stored	Containers should be well sealed and stored at a temperature above freezing; a temperature of 5-35°C is recommended. Higher temperatures or a bad seal could affect quality and cause formation of crusts and skin on the surface of the emulsion. Make sure containers are tightly closed at all times and not subjected to extreme temperatures, direct sunlight or heat for prolonged periods. If stored under correct conditions, this	Containers should be well sealed and stored at a temperature above freezing; a temperature of 5-35°C is recommended. Higher temperatures or a bad seal could affect quality and cause formation of crusts and skin on the surface of the emulsion. Make sure containers are tightly closed	a temperature of 5-35°C is recommended. Higher temperatures or a bad seal could affect quality and cause formation of crusts and skin on the surface of the emulsion. Make sure containers are tightly closed at all times and not subjected to extreme temperatures, direct sunlight or heat for prolonged periods. If stored under correct conditions, this	Containers should be well sealed and stored at a temperature above freezing; a temperature of 5-35°C is recommended. Higher temperatures or a bad seal could affect quality and cause formation of crusts and skin on the surface of the emulsion. Make sure containers are tightly closed
	This product is water based and non-toxic under normal conditions.	This product is water based and non-toxic under normal conditions.	This product is water based and non-toxic under normal conditions.		This product is water based and non-toxic under normal conditions.

## Vinyl Acetate Homopolymers Dry Solids Content > 50%



	BATIMIX	BATIMIX	BATIMIX	BATIMIX	BATIMIX	BATIMIX	BATIMIX	BATIMIX
	POLYVAC	POLYVAC	POLYVAC	POLYVAC	POLYVAC	POLYVAC	POLYVAC	POLYVAC
	® 160	® 161	® 162	® 163	® 167	® 200	® 201	® 202
SPECIFICATIONS								
·	Homopolymer of Vinyl Acetate	Homopolymer of Vinyl Acetate	Homopolymer of Vinyl Acetate	Homopolymer of Vinyl Acetate	Homopolymer of Vinyl Acetate	Homopolymer of Vinyl Acetate	Homopolymer of Vinyl Acetate	Homopolymer of Vinyl Acetate
	smooth, white liquid	smooth, white liquid	smooth, white liquid clear, moderately flexible	smooth, white liquid clear, flexible	smooth, white liquid	smooth, white liquid	smooth, white liquid	smooth, white liquid
, .,,,	clear, brittle nonionic	clear, slightly flexible nonionic	nonionic	nonionic	clear, highly flexible nonionic	clear, brittle nonionic	clear, slightly flexible nonionic	clear, moderately flexible nonionic
	Polyvinyl Alcohol	Polyvinyl Alcohol	Polyvinyl Alcohol	Polyvinyl Alcohol	Polyvinyl Alcohol	Polyvinyl Alcohol	Polyvinyl Alcohol	Polyvinyl Alcohol
Plasticizer	- Polyvillyi Alcollol	Dibutyl Phthalate	Dibutyl Phthalate	Dibutyl Phthalate	Dibutyl Phthalate		Dibutyl Phthalate	Dibutyl Phthalate
	0	1	2	3	7	0	1	2
			5 ± 1	5 ± 1	5 ± 1	5 ± 1	5 ± 1	5 ± 1
	1.07 ± 0.02	1.07 ± 0.02	1.07 ± 0.02	1.07 ±0.02	1.07 ± 0.02	1.07 ± 0.02	1.07 ± 0.02	1.07 ± 0.02
	44 ± 1	44 ± 1	45 ± 1	45 ± 1	47 ± 1	41 ± 1	41 ± 1	42 ± 1
TYPICAL PROPERTIES								
Viscosity [cP, Brookfield RVT sp7 at 5 rpm, 25°C]	60.000 ± 10.000	60.000 ± 10.000	60.000 ± 10.000	70.000 ± 10.000	80.000 ± 10.000	50 000 + 10 000	50 000 + 10 000	50 000 + 10 000
· · [-····, == -]	≤2	≤2	≤2	≤2	≤2	≤2	≤2	≤2
9. h [h]	< 0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5
	≤0.1	≤0.1	≤0.1	≤0.1	≤0.1	≤0.1	≤0.1	≤0.1
	16		9	8	5	14	10	8
	31 ± 2		31 ±2	31 ± 2	31 ± 2	27 ± 2	27 ± 2	27 ± 2
	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
, , , , , , , , , , , , , , , , , , ,								
General Information								
	Adhesive for paper and packaging, wood, leather,	and adhesives. Adhesive for paper, paperboard and packaging, wood-working	Medium viscosity, moderately flexible mid-range binder base for paints, putty and adhesives. Adhesive for paper and paperboard, wood working and furniture.	Medium viscosity, flexible mid- range adhesive for paper, paperboard, packaging and bookbinding.	Medium viscosity, highly flexible mid-range adhesive for paper, paperboard and packaging. Recommended for bookbinding.	Economic, medium viscosity binder base for paints, putty and adhesives. Adhesive for paper, wood-working and furniture, leather, textile finishing and carpet back-sizing.	Economic, slightly flexible, medium viscosity binder base for paints, putty and adhesives. Adhesive for paper, cardboard, woodworking and furniture, leather, textile finishing and carpet back-sizing.	Economic, moderately texible, medium viscosity binder base for paints, putty and adhesives. Adhesive for paper, cardboard, wood- working and furniture, leather, textile finishing and carpet back-sizing.
Storage & Handling	Containers should be well sealed and stored at a temperature above freezing; a temperature of 5-35°C is recommended. Higher temperatures or a bad seal could affect quality and cause formation of crusts and skin on the surface of the emulsion. Make sure containers are tightly closed at all times and not subjected to extreme temperatures, direct sunlight or heat for prolonged periods. It stored under correct conditions, this	recommended. Higher elemperatures or a bad seal could affect qualify and cause formation of crust and skin on the surface of the emulsion. Make sure containers are tightly closed at all times and not subjected to extreme temperatures, direct sunlight or heat for prolonged periods. It stored under correct conditions, this stored under correct conditions, this	Containers should be well sealed and stored at temperature above freezing; a temperature of 5-55°C is recommended. Higher temperatures or a bad seal could affect quality and cause formation of crusts and skin on the surface of the emulsion. Make sure containers are tightly closed	Containers should be well sealed and stored at temperature above freezing; a temperature of 5-55°C is recommended. Higher temperatures or a bad seal could affect quality and cause formation of crusts and skin on the surface of the emulsion. Make sure containers are tightly closed	50 kg or 125 kg HDPE drum. Containers should be well sealed and stored at a temperature above freezing; a temperature of 5.45°C is recommended. Higher temperatures or a bad seal could affect quality and cause formation of crusts and skin on the surface of the emulsion. Make sure containers are tightly closed at all times and not subjected to extreme temperatures, direct sunlight or heat for prolonged periods. If stored under correct conditions, stin product is stable for at least one year.	Containers should be well sealed and stored at a temperature above freezing; a temperature of 5×35°C is recommended. Higher temperatures or a bad seal could affect quality and cause formation of crusts and skin on the surface of the emulsion. Make sure containers are tightly closed	a temperature of 5-35°C is recommended. Higher temperatures or a bad seal could affect quality and cause formation of crusts an skin on the surface of the emulsion. Make sure containers are tightly closed at all times and not subjecte to extreme temperatures, direct sunlight or heat for prolonged periods. If stored	Containers should be well sealed and stored at a temperature above freezing; a temperature of 5-35°C is recommended. Higher temperatures or a bad seal oould affect quality and cause formation of crusts an skin on the surface of the emulsion. Make sure containers are tightly closed at all times and not subjecte to extreme temperatures, direct sunlight or heat for prolonged periods. If stored
			This product is water based and non-toxic under normal conditions.	This product is water based and non-toxic under normal conditions.	This product is water based and non-toxic under normal conditions.	This product is water based and non-toxic under normal conditions.	This product is water based and non-toxic under normal conditions.	This product is water based and non-toxic under normal conditions.

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### **Vinyl Acetate Copolymer**

	BATIMIX	BATIMIX	BATIMIX	BATIMIX	BATIMIX
	POLYVAC	POLYVAC	POLYVAC	POLYVAC	POLYVAC
	® 7030	® 7525	® 8020	® 3015	® 3020
SPECIFICATIONS					
Chemical composition	Copolymer of Vinyl Acetate and VEoVA 10	Copolymer of Vinyl Acetate and VEoVA 10	Copolymer of Vinyl Acetate and VEoVA 10	Copopolymer of Vinyl Acetate and Butyl Acrylate	Copopolymer of Vinyl Acetate and Butyl Acrylate
Emulsion appearance Dry film appearance Emulsifier type	smooth, white liquid clear, flexible nonionic / anionic	smooth, white liquid clear, flexible nonionic / anionic	smooth, white liquid clear, flexible nonionic / anionic	smooth, white liquid clear, slightly flexible nonionic / anionic	smooth, white liquid clear, flexible nonionic / anionic
Stabilizing agent Plasticizer Plasticizer content [% on total]	HEC Internal 0	HEC Internal 0	HEC Internal 0	HEC Internal 0	HEC Internal 0
pH at 25°C Density at 25°C [g/cm3] Dry solids content [%]	5 ± 1 1.07 ± 0.02 52 ± 1	5 ± 1 1.07 ± 0.02 52 ± 1			
TYPICAL PROPERTIES					
Viscosity [cP, Brookfield RVT sp7 at 5 rpm, 25°C]	12.000 ± 2.000	12.000 ± 2.000	12.000 ± 2.000	6.000 ± 2.000	6.000 ± 2.000
Avg. particle size [ $\mu$ m] Free monomer [%] Grit content at 200 $\mu$ m [%]	≤ 0.5 ≤ 0.5 ≤ 0.1	≤ 0.5 ≤ 0.5 ≤ 0.1			
Min. film forming temperature [°C] Glass transition temperature [°C] Water spot resistance [Index 1-10]	11 26 ± 2 9	12 27 ± 2 9	12 26 ± 2 9	8 22 ± 2 9	8 18±2 9
Wet scrub resistance [cycles at 30 μm]	5000	4800	4000	2600	2800
GENERAL					
Main Application	Binder emulsion for outdoor/ indoor emulsion paints, primers and textured coatings.	Binder emulsion for outdoor/ indoor emulsion paints, primers and textured coatings.	indoor emulsion paints, primers and textured coatings.	Binder emulsion for indoor/ outdoor paints.	Binder emulsion for indoor/ outdoor paints.
Packaging Storage & Handling	125 kg HDPE drum or 1MT IBC.	125 kg HDPE drum or 1MT IBC.	125 kg HDPE drum or 1MT IBC.	125 kg HDPE drum or 1MT IBC. Containers should be well	125 kg HDPE drum or 1MT IBC. Containers should be well
		Containers should be well sealed and stored at a temperature above freezing; a temperature of 5-35°C is recommended. Higher temperatures or a had seal	a temperature of 5-35°C is recommended. Higher	sealed and stored at a temperature above freezing; a temperature of 5-35°C is recommended. Higher	sealed and stored at a
	could affect quality and cause formation of crusts and skin on the surface of the emulsion. Make sure	could affect quality and cause formation of crusts and skin on the surface of the emulsion. Make sure	could affect quality and cause formation of crusts and skin on the surface of the emulsion. Make sure	at all times and not	cause formation of crusts and skin on the surface of the emulsion. Make sure containers are tightly closed at all times and not
	at all times and not subjected to extreme temperatures, direct sunlight or heat for prolonged periods. If stored under correct conditions,	at all times and not subjected to extreme temperatures, direct sunlight or heat for prolonged periods. If stored under correct conditions,	at all times and not subjected to extreme temperatures, direct sunlight or heat for prolonged periods. If stored under correct conditions,	subjected to extreme temperatures, direct sunlight or heat for prolonged periods. If stored under correct conditions, this product has a 2-year	subjected to extreme temperatures, direct sunlight or heat for prolonged periods. If stored under correct conditions, this product has a 2-year
Lincoln 9 Codes.	this product is stable for at least one year.	this product is stable for at least one year.	this product is stable for at least one year.	shelf life.	shelf life.
Health & Safety	This product is water based and non-toxic under normal conditions.	This product is water based and non-toxic under normal conditions.	This product is water based and non-toxic under normal conditions.	This product is water based and non-toxic under normal conditions.	and non-toxic under normal conditions.