

ADDING

innovation

customisation

& sustainability

TO THE PVC APPLICATIONS INDUSTRY

SILVIN: The Flagbearer of Lead-free Additives Manufacturing

Silvin - one of India's leading lead-free additives manufacturers and suppliers since 3 decades - provides pioneering solutions to help produce PVC & CPVC applications.

SILVIN SUPER1PACK

We at Silvin have always believed in adding dimensions of creativity to any product process. Our star performer - SUPER1PACK is a testament of efficiency and innovation. It is an all-in-one additive containing stabilisers, internal & external lubricants, impact modifier & other essential chemicals, additives other than PVC Resin, CaCo₃ (Filler) & pigments. SUPER1PACK is a Calcium-Zinc or Methyl Tin or Metal-free Stabiliser based OnePack, depending upon different applications. Our premium quality SUPER1PACKS contain the required chemicals to produce PVC Pipes, PVC Pipe Fittings, CPVC Pipes, CPVC Pipe Fittings, and Customised SUPER1PACK for PVC Compounds - Rigid, Soft, etc.

Advantage

SUPER1PACK



MAINTAINS ONE-TWO MONTH INVENTORY



ASSURED MATERIAL DELIVERY



NO SURPRISE IN PRICES



BULK BUYING ENSURES BETTER PRICING



EXPERT PURCHASE TEAM MONITORS INTERNATIONAL PRICES



SUPER SAVER ON TIME & LABOUR

CATEGORY	APPLICATION
SUPER1PACK - PVC PIPES	Plumbing, Agriculture, SWR, Column / Riser, Conduit
SUPER1PACK - PVC PIPE FITTINGS	Plumbing, Agriculture, SWR, Conduit
SUPER1PACK - CPVC PIPES & PIPE FITTINGS	Hot and Cold Water Plumbing

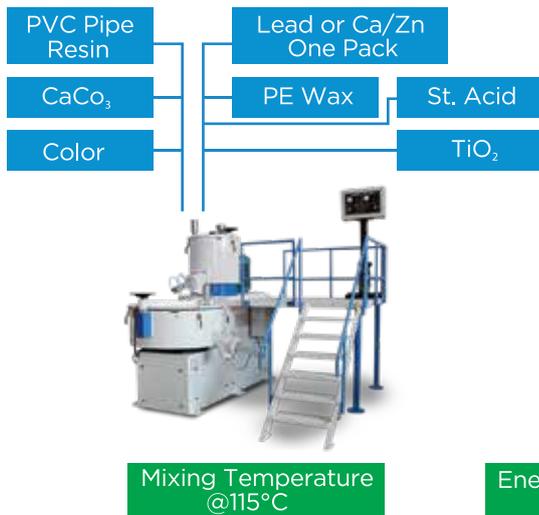


MIXING PROCESS FOR PVC & CPVC PIPES & FITTINGS

One of the most unique features of Silvin's SUPERIPACK is that it allows a much lower mixing temperature in the production process. This enables it to save lot of time, which in turn results into a substantial saving in terms of energy as well. If used judiciously and with optimum procedures, a time and energy savings of 22-25% is possible, which can help to save a lot of cost. Moreover, it also helps to maintain batch-to-batch uniformity along with homogenous mixing.

FOR PVC PIPES

CONVENTIONAL METHOD VS SILVIN METHOD



Mixing Temperature @ 95°C only

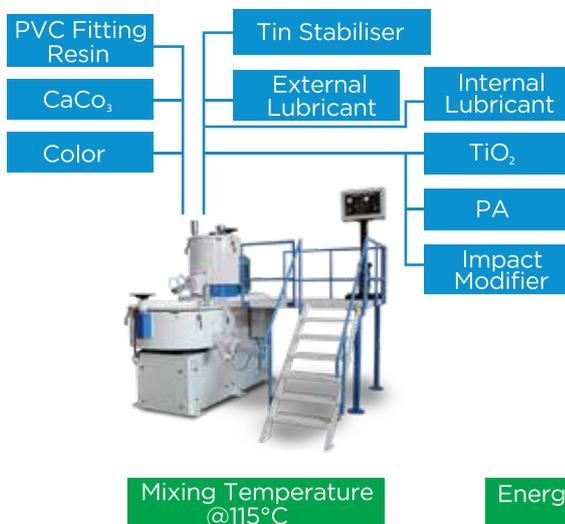
- Mix the PVC Pipe Resin, CaCO₃, SUPERIPACK and Pigment in suitable proportion.
- Mix it in high-speed Mixer at 95°-100°C temp.
- Run the Mixer for 4-5 minutes.
- Cool it in Cooler-Mixer till 40°C temp.

Energy/ Time Saving 22 to 25%

Mixing Temperature @95°C only

FOR PVC PIPE FITTINGS

CONVENTIONAL METHOD VS SILVIN METHOD



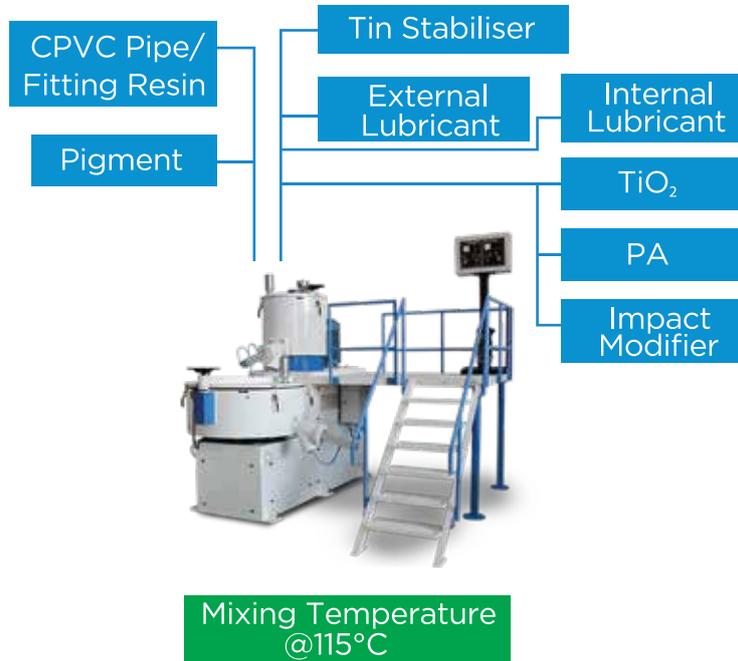
Mixing Temperature @ 95°C only

- Mix the PVC Fitting Resin, SUPERIPACK and Pigment in suitable proportion.
- Mix it in high-speed Mixer at 95°-100°C temp.
- Run the Mixer for 4-5 minutes.
- Cool it in Cooler-Mixer till 40°C temp.

Energy/ Time Saving 22 to 25%

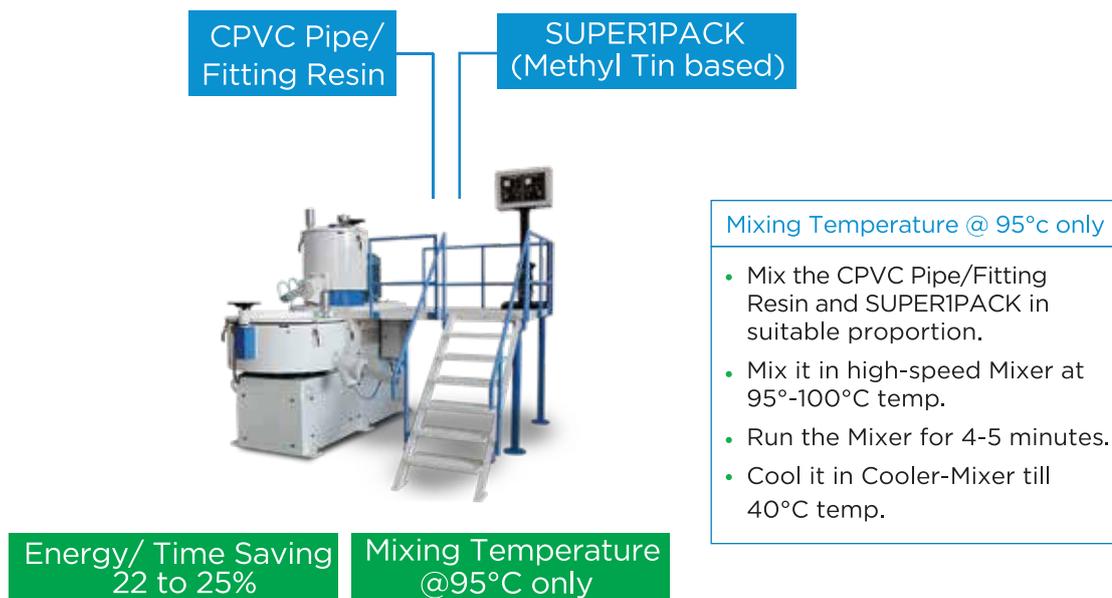
Mixing Temperature @95°C only

CONVENTIONAL METHOD



VS

SILVIN METHOD



STANDARD DOSAGE GUIDE FOR PVC & CPVC PIPES & PIPE FITTINGS

Sr. No.	Product Application	Stabiliser Base	Silvin Product Grade	SUPER1PACK Dosage (PHR)	RESIN (Kg)	CaCO ₃ Loading (PHR)	TiO ₂ (PHR)	PEWAX (PHR)	Pigment (PHR)	Impact Modifier (PHR) / CPE	Processing Aid (PHR) / CPW / CS / ANY OTHER CHEMICALS
1	PVC PIPES	Ca/Zn	UA1199WT	2.7 - 3.6	100	8-20	As per customer's existing formula	0.2-0.8	As per customer's existing formula	As per customer's existing formula	As per customer's existing formula
2	PVC FITTINGS (AGRI./SWR)	Methyl Tin	RP G 67 V80 WTCC	8	100	3-6	As per customer's existing formula	Included in mentioned SUPER1PACK Grade	As per customer's existing formula	Included in mentioned SUPER1PACK Grade	Included in mentioned SUPER1PACK Grade
3	PVC FITTINGS (AGRI./SWR)	Methyl Tin	RP G 67 D1 WTCC	6	100	3-6	As per customer's existing formula	Included in mentioned SUPER1PACK Grade	As per customer's existing formula	Included in mentioned SUPER1PACK Grade	Included in mentioned SUPER1PACK Grade
4	PVC FITTINGS	Methyl Tin	RP G 67 V80	12	100	4 (Included in mentioned SUPER1PACK Grade)	0.4 (Included in mentioned SUPER1PACK grade)	Included in mentioned SUPER1PACK Grade	As per customer's existing formula	Included in mentioned SUPER1PACK Grade	Included in mentioned SUPER1PACK Grade
5	PVC FITTINGS (PLUMBING)	Methyl Tin	SP G 67 ASM1	6	100	1-2	As per customer's existing formula	Included in mentioned SUPER1PACK Grade	As per customer's existing formula	Included in mentioned SUPER1PACK Grade	Included in mentioned SUPER1PACK Grade
6	PVC FITTINGS (PLUMBING)	Methyl Tin	SP G 67 M4	10	100	2 (Included in mentioned SUPER1PACK Grade)	1.4 (Included in mentioned SUPER1PACK grade)	Included in mentioned SUPER1PACK Grade	As per customer's existing formula	Included in mentioned SUPER1PACK Grade	Included in mentioned SUPER1PACK Grade
7	CPVC PIPES	Methyl Tin	SDPI 77	25	100	N.A	Included in mentioned SUPER1PACK				
8	CPVC FITTINGS	Methyl Tin	SDPF 3000 J6	25	100	N.A	Included in mentioned SUPER1PACK				
9	CPVC FITTINGS	Methyl Tin	F 3000 J6	Ready to use compound for CPVC Fittings							
NOTE				PRODUCT GRADE AND FORMULATION ARE SUBJECT TO CHANGE WITHOUT ANY PRIOR NOTICE							

DOSAGE GUIDE FOR PVC PIPES - PRESSURE & NON-PRESSURE APPLICATION WITH LUBPACK ONEPACK

PVC Pipe Resin (KG)	100	100	100	100	100
CaCO ₃ Loading (KG)	8-10	10-20	20-40	40-60	60 and above
UA 1199 WT (KG)	2.7 - 3.6				
LUB PACK 1387 (KG)	0.2 - 0.8				
Extruder (make) Output	LUBPACK 1387 (kg) or PE Wax dosage to be defined as per Extruder's output and overall condition				
TiO ₂ (PHR) / Processing Aid (PHR) / Impact Modifier (KG)	As per customer's existing formula				
NOTE	PRODUCT GRADE AND FORMULATION ARE SUBJECT TO CHANGE WITHOUT ANY PRIOR NOTICE				

HELP US TO HELP YOU (ANSWER A FEW QUESTIONS)

We would appreciate it if you respond to all the below-mentioned questions so that we can better understand your needs.

Our solutions will be more effective the more clearly you state your requirements.

- ✓ What is your Product Application?
- ✓ What is the Resin Make?
- ✓ How much is the CaCO_3 dosage?
- ✓ What is the Extruder (make) output and type of die-head?
- ✓ What is the Impact modifier type and its dosage?
- ✓ What is the Processing aid type and its dosage?
- ✓ What is the TiO_2 make and its dosage?
- ✓ What is the Pigment make and its dosage?
- ✓ What is the Mixer size (for customised packing)?



IN-HOUSE R&D & HIGH TECH MACHINES - THE BACKBONE OF SILVIN

With a great in-house R&D team in place, we at Silvin are constantly trying to incorporate global standard innovations to our processes. Research & development plays a significant role and is supported by a big lab space at Silvin Additives Pvt. Ltd. Trained technicians equipped with the latest instruments, including Brabender analysers and Injection Moulding machine, work relentlessly to assure top quality of each product batch.



WORLD CLASS PRODUCTION

With a phenomenal annual production capacity of 30,000 MT, our 9300 sq. mt. manufacturing plant has all the necessary cutting-edge machines to meet customers' demands.



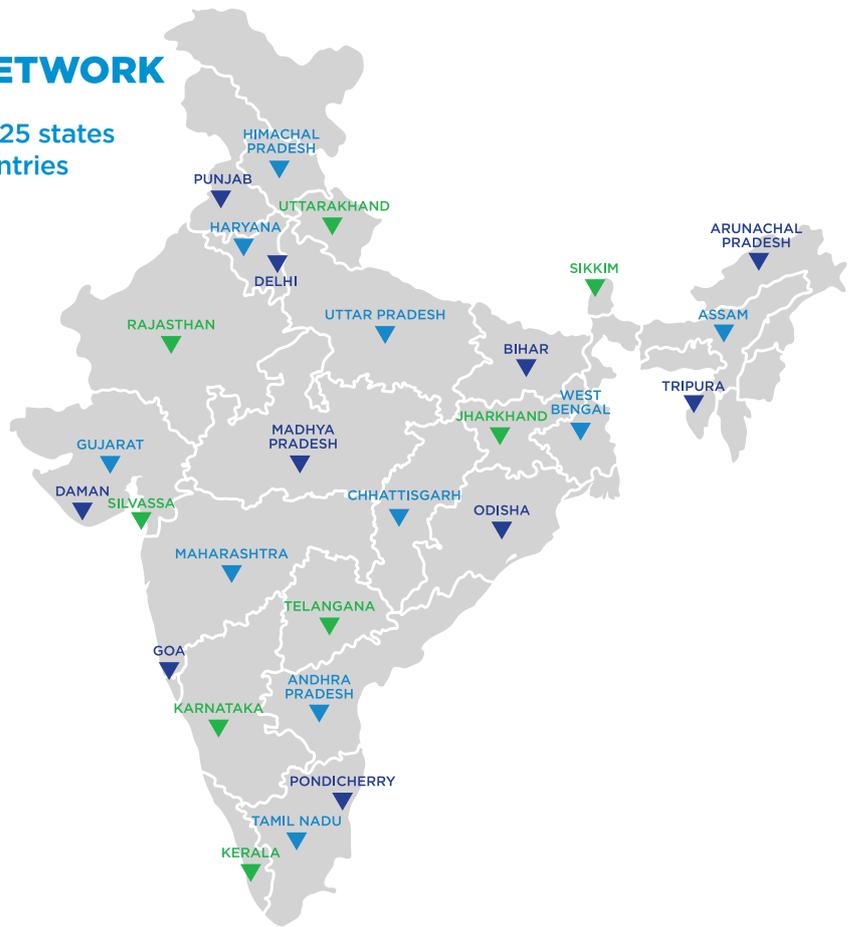
At Silvin, we believe in providing only the best to our customers. We carry out each product process with great attention to detail. To back this, we have been duly recognised by:



OUR ROBUST SALES NETWORK

Our brand is widespread in nearly 25 states pan-India and in more than 10 countries globally.

STATES WHERE SILVIN HAS MARKED ITS PRESENCE:



COUNTRIES WHERE SILVIN HAS ESTABLISHED ITS GLOBAL NETWORK:



Silvin Additives Pvt. Ltd.

4/B, Vardan Exclusive, Near Stadium Petrol Pump,
Navrangpura, Ahmedabad - 380014, Gujarat, India
(PH) +91 79 26448911/12 (M) +91 99099 74840
info@silvin.in
GST No:- 24AAFCEB9503P1ZD



www.supersilvin.com

