

# PVC Heat Stabilizers



PATCHAM (FZC)

## Company Profile

Patcham (FZC) is a Sharjah, UAE based manufacturer of the **Patstab** range of PVC heat stabilisers & **Pat-Add** range of additives for PVC processing.

We produce a range of liquid mixed metal complexes, organo tins and Ca/Zn one pack solid stabilisers. The additives include wetting & dispersing agents, air release agents and viscosity depressants.

An ISO 9001:2015 company, our products are sold all over the Middle East, Africa and the Far East.

The products are developed at our in house R&D centre, backed by a fully equipped PVC application laboratory. This has the latest testing equipment to measure performance parameters such as heat stability, Congo Red, electrical properties and others. The laboratory is also equipped with lab scale single screw and twin screw extruders to develop robust formulations for our customers.

Organo Tin and Antimony mercaptide					
Application	Methyl tin mercaptide				Antimony mercaptide
	2501	2503	2505	2507	1001
Calendering - Rigid / Flexible	•	•	•	•	
T- Die extrusion	•	•	•	•	
Blown film - Rigid/flexible	•	•	•	•	
Foam board	•	•	•	•	
Extrusion	•	•	•	•	•
Injection molding	•	•	•	•	•
Blow molding	•	•	•	•	

Mixed Metal Stabilizers																																										
Flexible application	Ca / Zn									Ba / Zn								Ba / Cd / Zn							Ba/Cd		Kickers															
	CZL 65	CZL 65F	CZL 18	CZL 36PTF	CZL 46	405	409	410	436	302	302 (TP)	306	308	310	311	318	324	336	342	201	202	205	206	207	208	210	212	105	106	Ba/Zn	Ba/Zn	Ca/Zn	K/Zn	K/Zn								
Flexible Calendering										•	•	•	•	•	•				•	•	•	•					•	•														
Semirigid Calendering										•	•	•	•						•	•	•	•					•	•														
Extrusion	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•												
Injection Moulding					•	•	•			•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•															
Flexible Blown Film					•	•				•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•															
Flooring Top Coat	•	•		•	•	•		•	•	•	•	•			•	•	•	•				•																				
Flooring Base Coat			•		•	•	•					•	•	•	•	•			•	•	•					•																
Plastisol Application	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•											•	•	•	•	•	•	•	•					
Transparent application	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
Low Emission	•	•	•	•	•	•	•	•				•	•			•				•																						
Low Odour	•	•	•	•	•	•	•																																			
Low Phenol/Phenol free				•				•											•											•		•	•	•								
2-EHA, PTBBA free				•	•	•		•											•																							
Self Lubrication							•					•	•			•			•	•	•																					
Initial Colour/brightness	•	•	•	•	•	•	•		•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
Long Term Stability			•		•	•	•			•	•	•	•			•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
Kicker Effect																																						Med/Fast	Med/Fast	Med/Fast	Fast	Med
Food Contact		•		•																																						
Non Toxic	•	•	•	•	•	•	•	•																																		

Ca/Zn One Pack Solid PVC Heat Stabilizers - PATSTAB																
Application	7003/A1	7031/A	7034/A	7044/A	7049/A	7051/A	7052/A	7058/A	7432/A	7433/A	7435/A	7531/A	7541/A	7631/A	7632/A	9003/A
	RoHS Compliant	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cable - Service temperature 70°C-90°C	•	•		•		•										
Cable - Service temperature 90°C-105°C			•				•									
Cable - Service temperature 105°C-125°C								•								•
Insulation/sheathing	•	•	•	•	•	•	•	•								•
Transparent flexible extrusion, blown/injection														•		
Flexible waterstops, electrical mats		•	•		•											
Semi rigid transparent/opaque calendering														•	•	
Rigid PVC Pipe - Plumbing											•	•				
Rigid PVC suction hose					•				•					•		
Rigid PVC conduit, channels and cable ducts										•						
Rigid PVC windows and door Profiles												•				
Rigid PVC injection molded fittings													•			

### Ca/Zn Solid One Pack For Cable

- Meet the requirement of several standards in Congo Red, Volume Resistance (VR), Tensile Strength & Elongation.
- Compounds meet the requirements of the following standards for 70° C - 90° C/158° F - 194° F cable application
  1. BS EN 50363-3:2005 Type TI-1
  2. BS 7655-4.2:2000-PVC Sheathing compounds Type 5, Type 6, Type 9
  3. BS EN 50363-3:2005
  4. IS:5831 - Type A & Type B
  5. IS:5831 - ST1 ST2& ST3
- Compounds meet the requirements of the following standards for 105° C - 125° C cable application
  1. BS EN 50363-3:2005 Type TI-3
  2. IS:5831 - Type C



**PATCHAM**

[www.patchamltd.com](http://www.patchamltd.com)

**PATCHAM (FZC)**

P.O. Box: 7753,  
Saif Zone, Sharjah, UAE  
Tel: +971-6-5570035  
Fax: +971-6-5570038  
Email: [patcham@emirates.net.ae](mailto:patcham@emirates.net.ae)

**PATCHAM INDIA**

B-52, Pravasi Industrial Estate  
Vishweshwar Nagar, Off Aarey Road  
Goregoan (E), Mumbai - 400 063 (India)  
Tel: +91-22-29272471

**PATCHAM EUROPE BV**

Dorpsstraat 24 A  
7451 BV Holten  
Netherlands  
Email: [eu@patchamltd.com](mailto:eu@patchamltd.com)

**PATCHAM USA LLC**

10 Commerce Road  
Fairfield, New Jersey – 07004  
Tel: (201) 293-4282  
Fax: (201) 820-0818  
Email: [info@patchamusa.com](mailto:info@patchamusa.com)