

## NEW E-SERIES FILM COATING RANGE

### FROM IDEAL CURES PVT. LTD.

A high performance as well as high adhesion fully aqueous film coating system has been a need of the industry for a very long time.

We have after relentless efforts, come up with the products that can fulfil this requirement of industry and have all the attributes which a pharmacist looks for in a coating system.

New e-series is a range of high performance coating products developed under Instacoat brand and consist of four coating systems.

- **Instacoat EHP 250** – High Performance Aqueous Film coating System
- **Instacoat EMB** – Efficient Moisture Barrier Aqueous Film Coating System
- **Instacoat EEN** – Optimized Weight Gain Hydro-alcoholic Enteric Film Coating System
- **Instacoat EHA** – High Adhesion Aqueous Film Coating System

Instacoat EHP 250 is a single polymer PVA based coating system having excellent water solubility and able to perform at very high reconstitution level of 25%. Instacoat EMB is a single polymer (PVA) based tablet coating system and has excellent moisture barrier properties at 20% reconstitution level. Instacoat EEN is Methacrylic acid co-polymer (Type A or Type B or mixture of both) based optimized weight gain enteric coating system with 8-10% reconstitution level. Instacoat EHA is a high adhesion HPMC based film coating system at reconstitution level of 15%

**e-series film coating system has been developed for film coating with excellent adhesion, moisture barrier, high spray rate without gun choking and in minimum possible time. All these virtues make the process highly economical and cost effective.**



## INTACOAT EHP 250

### IMMEDIATE RELEASE CONSTANT PROTECTION

- Single polymer based aqueous film coating system with higher reconstitution level of 25%.
- No talc, no Soya lecithin
- Optimized for high spray rate resulting in time saving up to 60% without gun choking
- Added moisture barrier properties with superior finish



## INTACOAT EMB

### MOISTURE IS NO PROBLEM FOR HYGROSCOPIC DRUGS

- The product is specially developed for highly moisture sensitive drugs
- Weight gain of 3.5 to 4.0% for the perfect shielding from moisture
- High reconstitution level of 20%
- No talc, no soya lecithin

## INSTACOAT EEN

### OPTIMIZED ENTERIC COATING AT MINIMUM WEIGHT GAIN

- Based on Methacrylic acid co-polymer Type A, Type B or combination of Type A & Type B
- Weight gain 6.5 – 8.0%
- Reconstitution 8 – 10%
- Excellent spreadability and coverage with superior finish



## INSTACOAT EHA

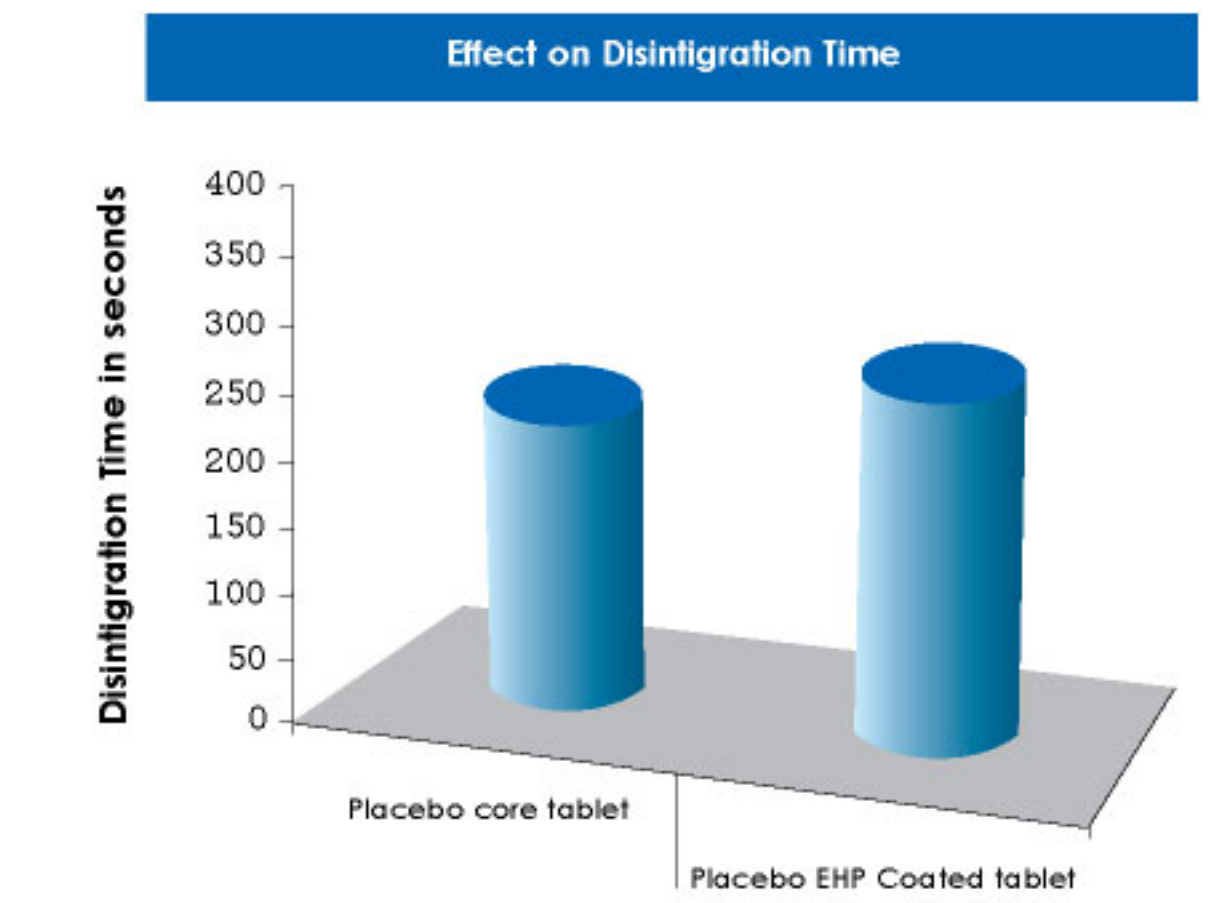
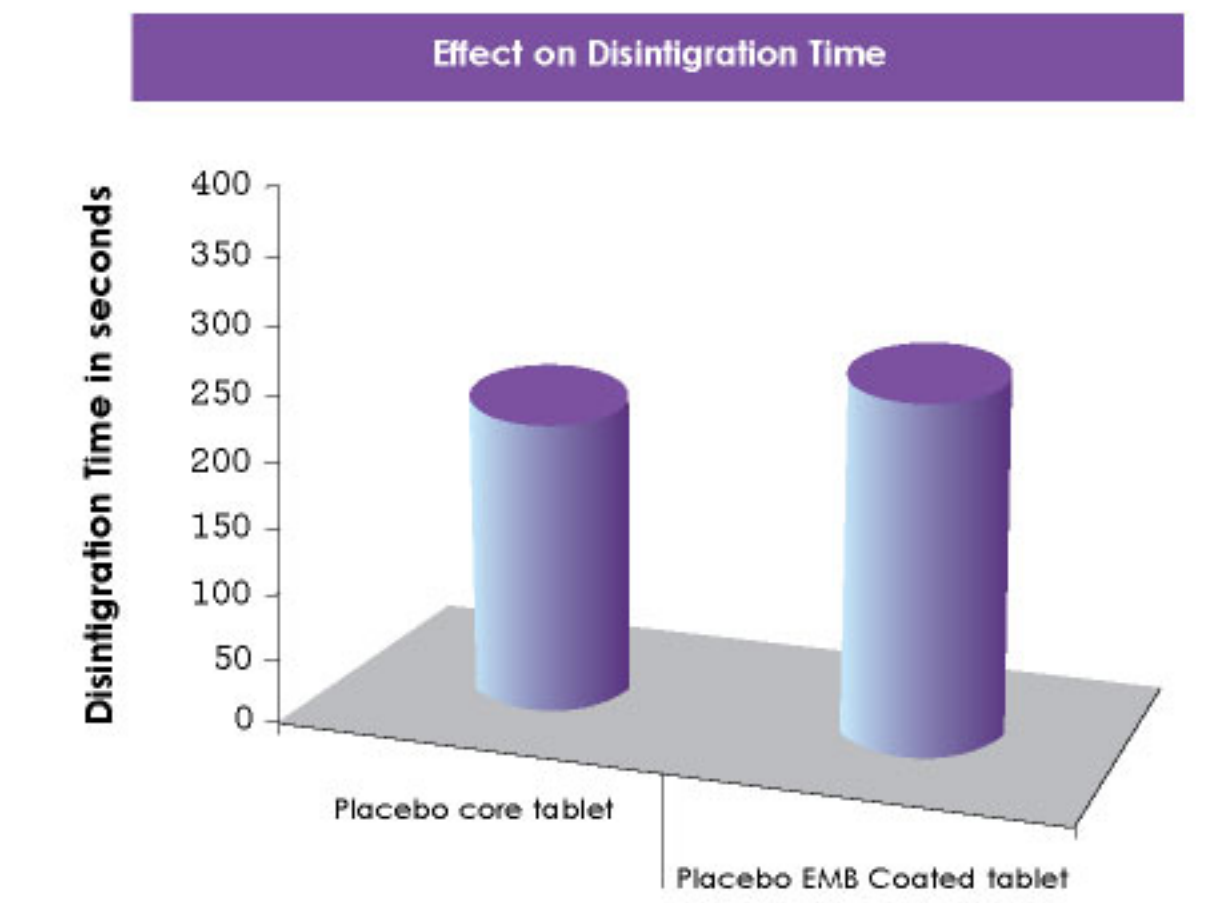
### HIGH ADHESION, IMMEDIATE RELEASE

- HPMC and modified starch based film coating system
- Excellent film adhesion
- 15% reconstitution level" fast & efficient drying during coating process
- Suitable for the tablets with waxy surface

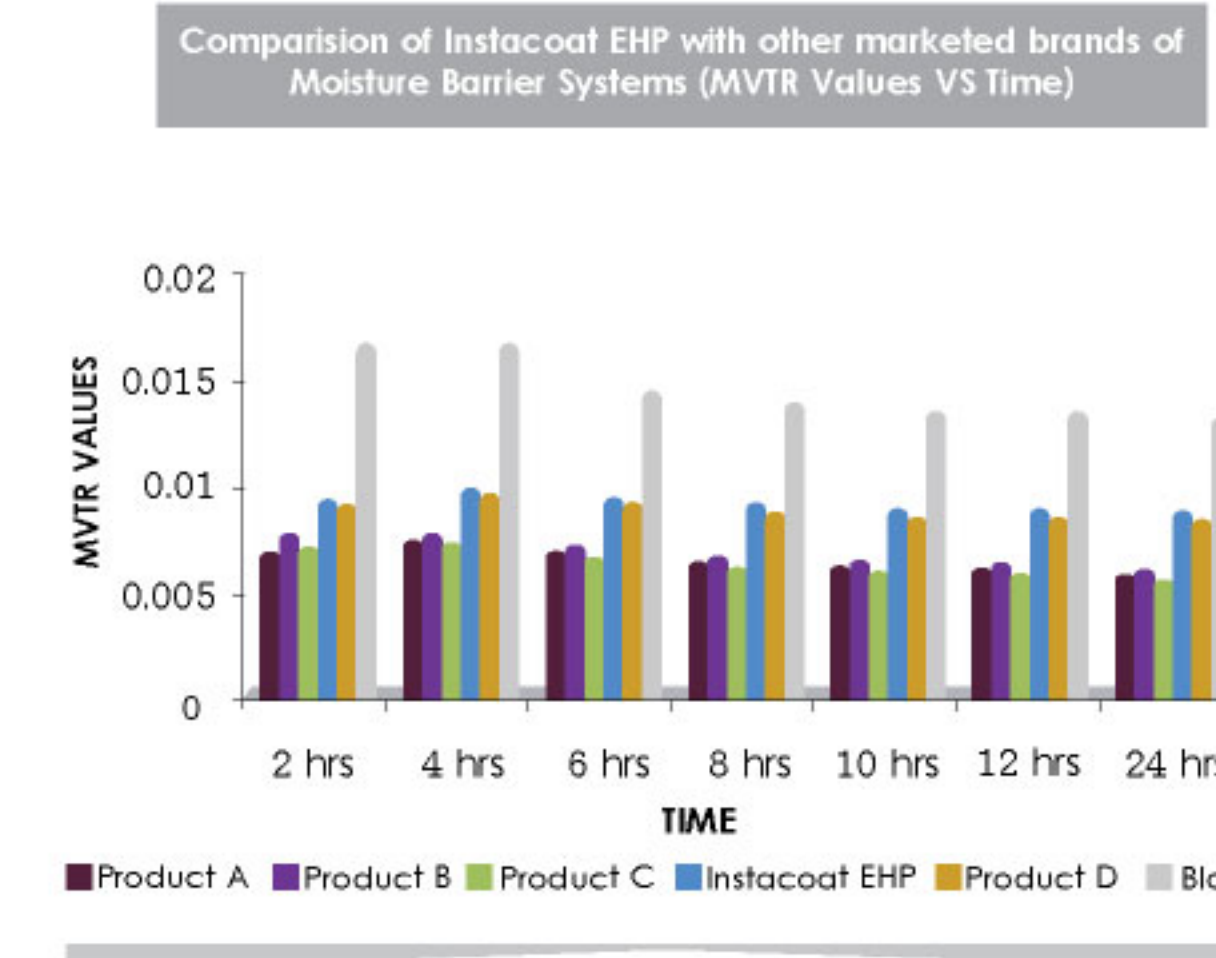
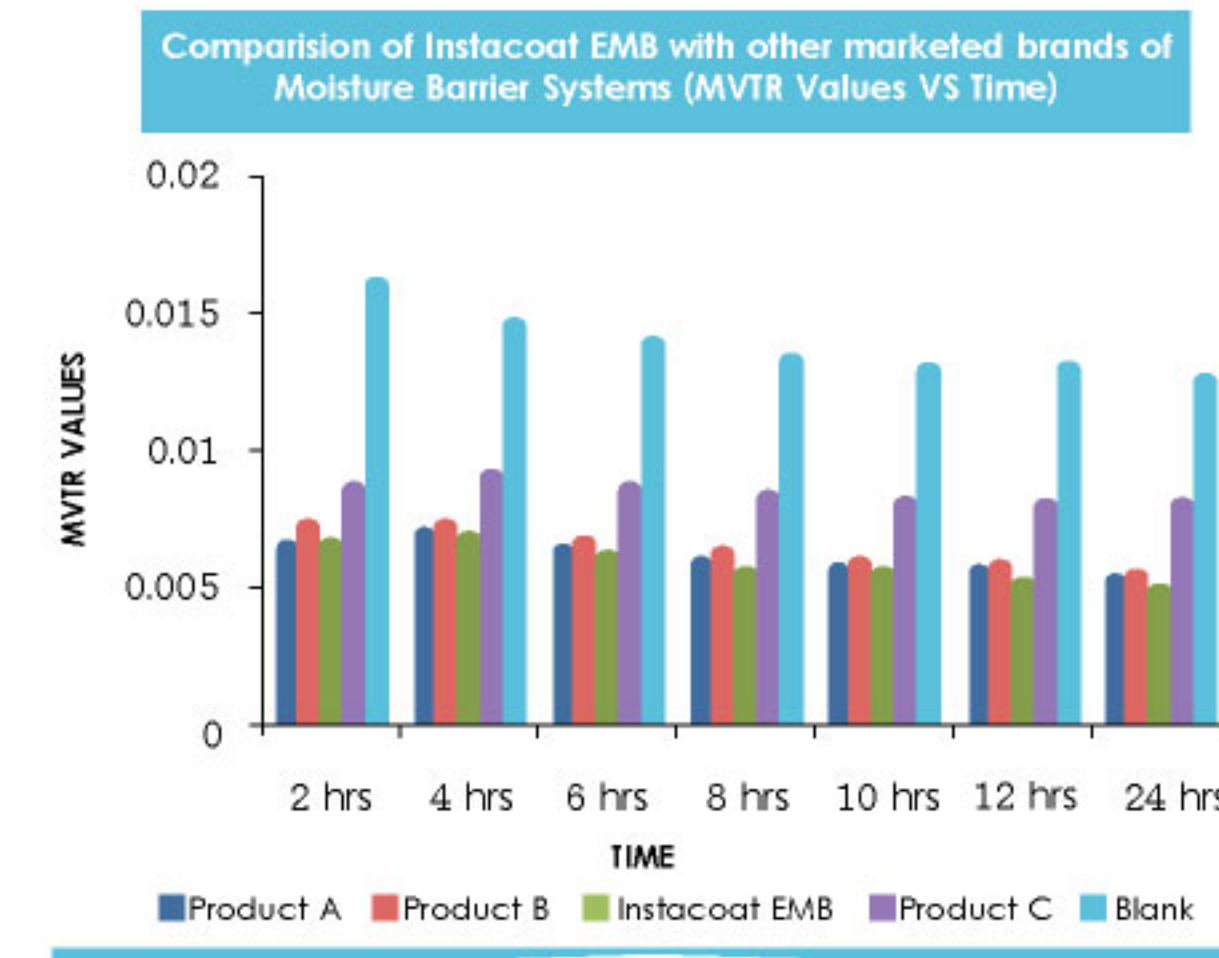


## SALIENT FEATURES OF INSTACOAT EHP AND INSTACOAT EMB

### EFFECT OF INSTACOAT EMB AND INSTACOAT EHP COATING ON DT :



### MVTR STUDIES OF INSTACOAT EMB AND INSTACOAT EHP :



### COMPARISON BETWEEN INSTACOAT EHP 250 AND OTHER FILM COATING SYSTEMS:

Process parameter for a trial lot of 2 kg tablets 12" conventional pan	Instacoat EHP 250 Aqueous system	PVA based Aqueous	HPMC Based Aqueous system	HPMC Based Organic Solvent in a Based System
Reconstitution percentage (% w/w)	25	20	11	5
Spray Rate @g/min.⊙	4	4	4	10
Weight of coating dispersion sprayed	20	250	455	1000
Total spray time @min.⊙	50	63	115	100
Proposed weight gain (% w/w)	2.0-2.5	2.0-2.5	2.0-2.5	2.0-2.5
Inlet Air and Bed Temp. (°C)	60-70; 40-42	60-70; 40-42	60-70; 38-42	55-60; 35-40
Pan speed (rpm)	18-20	18-20	18-20	18-20
Air Pressure (kg/cm <sup>2</sup> )	2-3	2-3	2-3	2.5-3.5
Time saved	—	20%	57%	50%



Ideal Cures is an Indian company with International presence in more than 40 countries having it's subsidiary company Ideal Cures Europe SRL, Italy. Ideal Cures has spent a decade in its relentless pursuit of excellence in finding tailor-made excipients and coating solutions for solid dosage forms. From Ready to Use Film Coating Systems, Modified Release Technologies, NDDS and Acrylic Pharma Polymers to Extended Cooling Boosters and Neutral Spheres – We have perfected it all. We are indeed the Ideal cure for any requirement that you may have.



**INSTACOAT**  
FILM COATING SYSTEMS

**ECOPOL**  
Acrylic Pharma Polymers

**INSTAGLOW**  
TABLET POLISHING SYSTEM

**ESPHERES**  
Neutral Pallets (Sugar/MCC/SiO2/CaCO3)

**INSTACOAT  
SMART**  
simple metallo artistico robust technology

**INSTAGLOSS™**  
THE POWER OF TABLET SHINE

**Ecocool**  
Extended Cooling Booster

**pharmar&dcoater**

## INSTANUTE

[www.idealcures.co.in](http://www.idealcures.co.in) | [info@idealcures.co.in](mailto:info@idealcures.co.in)

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A-223 to A-229, Virwani Industrial Estate,  
Western Express Highway, Goregaon (E),  
Mumbai 400063. India

Ph: +91 22 42688700 | Fax: +91 22 42688713

Ideal Cures Europe SRL, Via Quintiliano, 30  
20138 – Milano, Italy

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**e-series**  
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