



**ASIAN CHEMICALS**

*Strong Bond with Dentistry*





## Company Introduction

Since 1991, **Asian Chemicals**, have always honoured its commitment to support and well-being across the Indian subcontinent. We have always valued our links with individuals and professional institutions around the globe, sharing the knowledge and upholding the values of quality and commitment. We constantly endeavour to meet the rising expectations and needs of the dental industry professionals through adaptation of new technology while trying to develop innovative solutions for customers.

We are using technologically advanced equipment and laboratory facilities with an automated Dental Plaster Manufacturing plant in a green, healthy and harmonious working environment armed with CE quality assurance. All the quality requirements for medical device under directive 93/42/EEC and compliance with European quality guidelines are followed as per standard of EN ISO 6873:2013, EN ISO 13485:2003. To maintain these stringent standard norms **Asian Chemicals** follows ISO 9001:2015 as quality management system. Asian Chemicals is also associated with ADITI (Association of Dental Industry and Trade of India) which helps us in keeping abreast with new developments and technological advance of the industry.

The process of innovation never stops at Asian Chemicals. We strive to meet the unique requirements of each generation of Dental Laboratory Professionals through continuing research in our processes of manufacturing, while developing new methods and products trying to satisfy the ever-changing needs of the industry. As the advancement in field of material science is reaching tremendous heights with new applications in Dentistry, we at Asian Chemicals will always be ready to provide the best solutions to the Dental professionals anywhere anytime where the need may arise.



Certifications



ISO : 6873 : 2013





# ASIAN CHEMICALS

## PEARLSTONE® Type IV

### Description :

Pearlstone is a hard Die Stone produced using innovative formulation and manufacturing process, which gives faithful reproduction together with ultra hard surface hardness. The excellent surface properties permit easy manipulation and curving. The flow properties are balanced to optimum level to give exceptional handling ease. It ensures zero porosity casting and reproduction of details to micron level and having very low expansion.

### Application :

- + Models for fixed restoration
- + Implant models
- + Working models for dental splints
- + Flasking thermoplastic prosthesis

### Advantages :

- + Very low expansion
- + Ideal detail mapping
- + Very good mechanical properties

### Available in :

- + Orange colour : 1 kg pouch, 2 kg jar, 3 kg pouch
- + Sandy Brown colour : 3 Kg pouch



## RUBYSTONE Type IV



### Description :

Rubystone is an extra-hard natural die gypsum which is produced using an innovative formulation and manufacturing process. High surface density and compressive strength, low expansion. Casting is achieved with mild vibration.

### Application :

- + Construction of models for crown and bridge inlays and removable dies.

### Advantages :

- + Maximum hardness with an outstanding edge stability.
- + Minimal expansion for maximum precision
- + Best resistance to abrasion

### Available in :

- + Pink colour : 3 kg pouch





## **GOLDSTONE<sup>®</sup>** Type III

### Description :

Goldstone is a type III hard dental stone, made from high quality marine gypsum. It is a tough general stone to produce smooth and strong casts suitable for everyday use in dental laboratory. It is recommended for use to cast full and partial denture models, basing crown and bridge models etc. Rapid hardening formula with low expansion and high surface hardness makes it perfect choice for everyday use.

### Application :

- + Working models for removable dentures
- + Totally and partially removable protheses
- + Antagonist models

### Advantages :

- + Good mechanical properties
- + Low expansion
- + Smooth surface
- + Compatible with all impression materials

### Available in :

**Green & Yellow colour** : 1 kg pouch, 3 kg pouch, 25 kg bag  
**Pistachio Colour** : 3 kg Pouch



## **GOLDSTONE<sup>®</sup> *Arti*** Type III



### Description :

Goldstone Arti is a high strength, fast setting, low expansion, articulating stone. Originally developed for implant cases where a low expansion articulating material is desired. Many professionals choose this product as a rapid setting alternative material for denture models and crown and bridge bases.

### Application :

- + All-purpose model stone
- + Full or partial denture models
- + Basing crown and bridge models

### Advantages :

- + Smooth, strong casts
- + Low expansion for accuracy
- + Optimal working time

### Available in :

- + Grey colour : 3 kg pouch







## Alpha Gold Stone<sup>®</sup> Type III

### Description :

Alpha GOLDSTONE is an extra hard dental stone made from superior quality beneficiated mineral gypsum with high strength and low expansion. It is engineered to gain rapid strength and easy release properties, permitting short processing time. It has a unique ability to produce micron level detailed reproduction of substrate and to give extra hardness with an ultra smooth surface and bubble free casts.

### Application :

- + Casting models
- + Inlays
- + Crowns and bridges

### Advantages :

- + Rapid strength
- + Quick release property
- + Bubble free casts

### Available in :

- + Blue colour : 3 kg pouch



## GOLDSTONE<sup>®</sup> Easy Flow



### Description :

Goldstone EasyFlow is a type III dental stone formulated to produce exceptional stability and very accurate reproduction of details. The optimum balance of fluidity and thixotropy permits it to be poured into base formers without vibration to produce a bubble free cast. Its remarkable flow properties allow slurry to enter the finest nooks and crevices, resulting in a superior reproduction. It also has a better surface hardness in comparison to regular stone.

### Application :

- + Crown and bridge model construction
- + Demonstration models

### Advantages :

- + Low expansion
- + Superior flowability
- + Better surface hardness

### Available in :

- + Golden Brown colour : 3 kg pouch





## Ortho White-S

### Orthodontic Stone Type III

**Description :**

Ortho White is a brilliant white stone made from highest purity mineral gypsum. Optimum working properties and good surface hardness makes it a choice for the specialized application areas in orthodontics. Like our all-other type III stones this material also have the same desirable handling properties.

**Application :**

- + Orthodontic models
- + Demonstration models

**Advantages :**

- + Low expansion
- + Good flowability

**Available in :**

- + White colour : 3 kg pouch



## White Gold<sup>®</sup>

### DENTAL PLASTER TYPE II

**Description :**

WHITEGOLD is a Dental plaster type II formulated to be used as a general-purpose modelling plaster suitable for making study models, ortho models, as also for articulating and flasking procedures of acrylic dentures. It is easy in mixing and gives a smooth and creamy consistency on mixing with gauging water. It exhibits excellent working characteristics, perfect setting time and expansion characteristics.

**Application :**

- + Flask filling
- + Diagnostic models
- + Mounting of general works on the articulator.

**Advantages :**

- + Low expansion
- + Good detail mapping
- + Optimum fluidity

**Available in :**

- + White colour : 3 kg bag, 25 kg bag







Product	W/P (ml) H <sub>2</sub> O per 100 gm powder ratio	Mixing time (sec) (manual)	Processi ng time (min)	Setting time (min)	Removal from mould after (min)	Compressive Strength (Mpa)		Setting expansion (%)	Colour	ISO-6873
						1 h (Kg/cm <sup>2</sup> )	24 h (Kg/cm <sup>2</sup> )			
<b>Die Stone Type 4</b>										
Pearlstone	25	60 - 90	5	10 - 12	30	450	900	0.10	Orange Sandy Brown	4
Rubystone	22	60 - 90	5	10 - 12	30	550	900	0.07	Pink	4
<b>Dental stone Type 3</b>										
Goldstone	30	60 - 90	5	10 - 12	45	250	500	0.25	Green Yellow Pistachio	3
Goldstone Arti	26	60 - 90	4	8	35	250	500	0.15	Grey	3
Alpha Goldstone	28	60 - 90	5	10 - 12	45	350	700	0.20	Blue	3
Goldstone Easyflow	28	60 - 90	5	10 - 12	40	300	600	0.20	Golden Brown	3
Ortho White-S	28	60 - 90	5	10 - 12	40	350	700	0.15	White	3
<b>Dental Plaster Type 2</b>										
White Gold	60	60 - 90	3	8 - 10			90	0.10	White	2





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