

Professionalism.  
Polished & Perfected.



**Abrasive Technologies Pvt. Ltd.**



Ceramic Rollers



Abrasives used in Monument Industry



Final Polish for Granite & Marble

A world of 100% import substitute abrasive bricks to polish ceramic, granite & marble. For use in line polishers, auto polishers and hand polishers. Grades: 12 - 1200 grit.

**Bonds**

**Magnesite:** This traditional bonding matrix comprises of an oxychloride bond. The hardness of the bond is dependent on the hardness, matrix of the material being polished. The rate of reaction and the heat of reaction are altered to vary the bond strength, as required.

**Advantages:** • Cost Effective • Minimal Inventory Costs

**Synthetic:** A resin bonded matrix, this is tailor-made to suit the application. The resin has MSC & Thermal stability to optimize performance of the abrasive.

**Advantages:** • Longer Shelf Life • Minimal Slurry Generation • Enhanced Finish • Maximum Productivity

**Unique Cost Guarantee**

*Abrasive Technologies promises customers more abrasive per abrasive! For the first time ever in the industry the company offers a "Rupees per square meter cost guarantee".*

*Born of 100% confidence in the product range, this also ensures that customers enjoy all the benefits of a "serviced product", when they choose from the Abrasive Technologies range. Which means that, inventory for abrasives, lead time, formalities of procuring imported abrasives, monitoring stock & costs of polishing etc... are all now the onus of the company! A hassle free means to make a smooth deal!*



150 x 50



125 x 30 - Chamfers (RHS/LHS)



130 x 50 Roller

#### Manufacturing & Testing

Production at Abrasive Technologies state-of-the-art manufacturing facility is a complementary modern process. Carefully chosen, quality-assured raw materials are sourced. All products are manufactured and tested using controlled and documented procedures, guaranteeing complete traceability and batch uniformity.

The company matches the most stringent industry standards and welcomes independent audit by its customers. The skill-rich personnel right down to the work force on the factory floor... knows what it means to work towards 'Continuous Quality Improvement' and no efforts are spared to deliver customer delight.

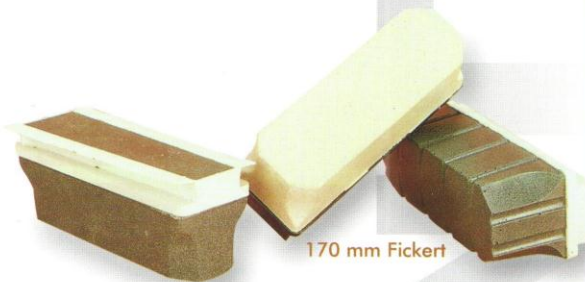
No despatches are made until the stringent inspection process - RM testing, process testing and finished goods testing - is satisfactorily completed.

#### Polishing

The attached chart permits quick reference to the segment form which corresponds to your polishing requirements.



140 mm Fickert



170 mm Fickert



180 mm Fickert

#### Grit Selection

Our polishing segments are available in different grits : 16, 24, 36, 46, 60, 80, 100, 120, 180, 220, 280, 320, 400, 600, 800, 1000, 1200. In order to simplify, we have assigned certain grit sizes a number, which reflects the normal sequence of usage :

- |                      |                      |                  |
|----------------------|----------------------|------------------|
| - gr 16/24 = Nr. 0   | - gr 36/46 = Nr. 1   | - gr 120 = Nr. 2 |
| - gr 220/320 = Nr. 3 | - gr 400/600 = Nr. 4 | - gr 800 = Nr. 5 |
| - gr 1200 = Nr. 6    |                      |                  |

#### Hardness

These segments are manufactured in 5 degrees of hardness, according to the letters assigned as below :

- |            |                   |                |
|------------|-------------------|----------------|
| - B = Soft | - R = Medium Soft | - S = Standard |
| - D = Hard | - DD = Very Hard  |                |

#### Bond

We recommend bond hardness

Ceramic - Mediumsoft (R)

Granite - S (Standard)

Marble - D (Hard)

*Having successfully met the demands of ceramic industry, the company has over the years, effectively conquered the challenges of ceramic polishing. Today, Abrasive Technologies has developed a unique bond for polishing vitrified ceramics.*

#### Buffer segment

Resin matrix



160 x 50 Roller



### **The Solution Provider**

Abrasive Technologies is a professionally managed, premier co., anchored at Bangalore. Spearheaded by highly experienced

engineers, the company is engaged in manufacturing abrasives for the ceramic, granite and marble processing industries. The manufacturing facility, at Bangalore, is completely equipped to meet the rigors of robust production. The company bases its business philosophy on a judicious blend of exceptional customer service and relentless product innovation.

This has notched up for the company a prestigious portfolio of clients, who understand and appreciate the way Abrasive Technologies' partners them through that extra mile... to smoothen the way...

