

# Product Data Sheet



## ASMACO PQ 95 1K Single Component Parquet Adhesive based on Polyurethane Technology

### Product Description:

ASMACO PQ 95 1K is a moisture curing, strong polyurethane wood adhesive, which is designed as a best suitable adhesive for bonding pre-finished, lamparquet, pin-wheels and jointed planks on: cementitious screeds, different old wooden floors; ceramic, marble, etc.; anhydrite screeds. The product is suitable to be used on heated floors.

### Key Performance Properties:

- Single component, easy to use – no mixing, no mess
- No loss since left over quantity can be reused if stored properly
- Elastomeric Polyurethane adhesive
- Low VOC – meets Green Building requirements
- Excellent adhesion to different parquet flooring systems and construction materials
- Suitable for products where Epoxy – Polyurethane products are not suitable
- Suitable for low temperature application
- Excellent wetting characteristics and rib stability
- Least expansion to give dimensional stability and to maintain the level of flooring
- Very good ridge formation and excellent application characteristics
- Very good sound dampening capability

### Applications:

Asmaco Parquet Adhesive can be used to bond all size and formats of jointed, pre-finished solid wood parquet with a ply backing. It is advised to refrain from laying varnished, pre-finished solid wood in the lower part or traditional solid parquet without tongue and groove.

### Typical Properties:

|                                 |   |
|---------------------------------|---|
| Composition                     | 1-part polyurethane, moisture curing                          |
| Consistency                     | Smooth and creamy viscous paste                               |
| Colour                          | Beige and brown   |
| Skin formation                  | ~ 80 minutes (+23°C / 50% r.h.)                               |
| Specific Gravity                | 1.38-1.48   |
| Application Temperature         | +10 to + 35°C   |
| Time to adjust                  | 1.5 hours @ 23C / 50% RH                                      |
| Light foot traffic              | 12 hours  |
| Sanding                         | After 3 days  |
| Hardness                        | ~ 50 Shore A  |
| Bond strength, wood to concrete | ~ 2.5 N/mm <sup>2</sup>                                       |
| Bond strength, wood to ceramic  | ~1.8 N/mm <sup>2</sup>  |
| E- Modulus                      | ~ 1.4 N/mm <sup>2</sup> at 100% elongation (+23°C / 50% r.h.) |
| Tensile Strength                | ~ 1.8 N/mm <sup>2</sup>                                       |
| Tear strength                   | ~ 16 N/mm (+23°C / 50% r.h.)                                  |



**ASMACO  
PQ 95 1K**

Self-Leveling

Weather Resistant

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|                           |                            |
|---------------------------|----------------------------|
| Elongation at break       | ~ 300 % (+23°C / 50% r.h.) |
| Service temperature range | -10 to + 70oC              |

**Toxicity:** No restriction as cured

## Usage Instructions:

**Preparation:** Make sure that the application area has suitable ventilation or windows. The floor, wall and wood should be dry enough for application. Usage of Anchorprime PQ is recommended if the screed is not completely dry. It is recommended to use a vapour barrier below the screed in areas where rising vapour is a risk. The application must be carried out when the temperature is not less than +10°C or higher than +35°C. The product is moisture curing and curing may take long if the weather is dry. Don't apply on wet epoxy primer. Primer may be used on nonabsorbent and metallic surfaces. Substrates should be carefully checked before application. The cementitious screed should be cured well, dry, even and strong. Substrates must be free from, dust, weak portions, oil, paint etc. The level of humidity in the screed must be within the recommendation and be measured with a carbide hygrometer. If the humidity found to be higher, wait till the screed becomes dry or apply a coat of Anchorprime PQ. Cracks in the screed must be repaired before application. Excessive roughness should be smoothed with smoothing and levelling compounds. Existing Ceramic/ tiled, marble and granite floors should be cleaned free of dust, oil, grease, etc. Adhesive must be applied when the surface is dry. Apply a coat of Anchorprime PQ. Make sure that old wooden planks are well bonded and sound. Remove the warmish / polish by sanding to reveal bare wood, remove all dust using a vacuum cleaner before laying the floor. Anhydrous substrates should be consulted and followed with the recommendations made by manufacturer, check if the screed should be sanded and primed. Sanding and priming are recommended.

**Application:** Open the foil bag inside the container and apply the adhesive using a notched trowel. The parquet should be placed within 90 minutes at normal room temperature (the application time varies with climatic conditions like temperature and relative humidity). Remove any skin from the surface if already opened adhesive is used. The Parquet should be stored in dry and condensation free area don't place parquet directly on floor before laying. Make sure that the humidity of floor and parquet are within the limits. Press down the parquet firmly while laying to ensure proper contact with the adhesive. The parquet can be adjusted after laying before setting. Leave 1cm wide joint around the edge of the floor and around the columns, pillars and other bodies which pass through the floor. Don't apply adhesive on the ends of the parquet strips. Make sure that the adhesive doesn't seep out through the gaps and ends of parquet strips in conventional types. Tools and spillages should be cleaned immediately with a suitable solvent like xylene. Cured adhesive can be removed mechanically

## Foot Traffic:

Light foot trafficking is possible after 12 hours.

## Sanding:

Floor may be sanded after 3 days of laying. Partially used adhesive can be preserved by squeezing out air from the foil bag sealing it with a tie or such, place it in the original can and close properly. Can be reused after removing skin formed over the adhesive.

## Caution:

DIRECT CONTACT WITH UNCURED ADHESIVE IRRITATES EYES AND MAY IRRITATE SKIN. OVER EXPOSURE TO VAPOUR MAY IRRITATE NOSE AND THROAT. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hand. In case of eye contact, flush eyes with plenty of fresh water for 15 minutes and obtain medical attention. In case of skin contact, remove from skin and flush with water. KEEP OUT OF REACH OF CHILDREN. Consult Material Safety Data Sheet (MSDS) to know more about handling and safe usage.

## Storage and Shelf Life:

12 months from date of production if stored in undamaged, unopened original sealed containers, in dry conditions and protected from direct sunlight at temperatures between +10°C and +25°C.

## Packaging:

7 kg and 15 kg foil bags contained in plastic pails and 600 ml sausages

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## Shipping Limitations: None

### Note

The information and data contained in the product data sheet is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of the product for usage. Since the supplier cannot know all the uses, or the conditions of use to which the product may be exposed, no warranties concerning the fitness or suitability for particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

**Non – Warranty:** Because the storage, handling and application of the material is beyond Anchor Allied Factory Ltd's control, we can accept no liability for the result obtained. Anchor Allied Factory Ltd's sole limited warranty is the product meets the manufacturing specifications in effect at the time of shipment. There is no warranty or merchantability or fitness for use, nor any expressed or implied warranty. Anchor Allied Factory Ltd will not be liable for any incidental and consequential damage of any kind. The exclusive remedy for breach of such limited warranty is a replacement of any product shown to be other than warranted. Suggestions of uses should not be taken as inducement to infringe any patents.



مصنع انكور الايد ذ.م.م.  
**ANCHOR ALLIED FACTORY L.L.C.**

Tel. No.: +971 6 5342091, Fax No.: +971 6 5342107

P.O. Box No.: 21152, Sharjah (U.A.E.), E-mail : info@anchorallied.com.



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POLYURETHANE FOAM • SPRAY PAINT • SILVER CLOTH DUCT TAPE • CREPE PAPER MASKING TAPE • ALUMINIUM FOIL TAPE  
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