



The Chemical Company

# MASTERTOP® 1324

## CONIFLOOR® U (2,0-3,0 mm)

### Polyurethane Based, Self Leveling Floor Coating System

#### Description of Product

**MASTERTOP® 1324** is a polyurethane based, semi-flexible, easy to clean, hygienic self leveling floor coating system with smooth and mate surface and a capacity to cover up cracks (0,7 mm) that is used for surfaces that are exposed to medium - heavy mechanical and chemical effects.

#### Fields of Application

- Storehouses,
- Production areas,
- Laboratories,
- Chemistry and medicine industry,
- Shopping centers and supermarkets,
- Aircraft hangars,
- Exhibition and fair grounds,
- Garages.

#### Features and Benefits

- Easy to apply.
- High mechanical resistance.
- Surface structure that does not allow the formation of microbes.
- Easily cleaned to create hygienic environments.
- The capacity to cover up cracks.
- Semi-flexible.

#### Watchpoints

- Avoid application under excessive heat or wind and/or when the ambient and/or substrate temperature is below +10 or above +30°C.
- In applications that will be made under appropriate temperatures, as the application material should have the same temperature as the ambient and substrate temperature, make sure it has been stored for at least 1-2 days at the same temperatures before application.

#### System Details

| Intended Use  | Materials   | Consumption(kg/m <sup>2</sup> ) |
|---|---|---------------------------------|
| Undercoat   | <b>MASTERTOP® P 677 Z (CONIPOX® 77Z)</b>  | 0,30 - 0,50                     |
| Scatter Sand  | Silica Sand 0,1 - 0,3 or 0,3 - 0,8 mm   | 0,80 - 1,00                     |
| Alternative Undercoat<br>(For surface flaws up to 1 mm) | <b>MASTERTOP® P 677 Z (CONIPOX® 77Z)</b><br>(It is applied by mixing silica in the ratio 1/0,5 - 1/2 by weight) | 0,30 - 0,50                     |
| Filler Sand   | Silica Sand 0,1 - 0,3 mm or <b>MASTERTOP® 1200</b> filler F1a   | 0,15 - 2,00                     |
| Scatter Sand  | Silica Sand 0,1 - 0,3 or 0,3 - 0,8 mm   | 1,00 - 3,00                     |
| Pore Sealer   | <b>MASTERTOP® BC 375 (CONIPUR® 275 )</b>  | 0,70 - 0,90                     |
| Filler Sand   | Silica Sand 0,1 - 0,3 mm  | 0,20 - 0,30                     |
| Coating   | <b>MASTERTOP® BC 375 (CONIPUR® 275 )</b>  | 1,50 - 1,80                     |
| Filler Sand   | Silica Sand 0,1 - 0,3 mm  | 0,50 - 0,60                     |
| Final Coat  | <b>CONIPUR® 67 N*</b>   | 0,11 - 0,15                     |

\* **CONIPUR® 67** or **MASTERTOP® TC 441P** can be used instead of **CONIPUR® 67 N**. If a colored chip application is to be made on the coating, the chips must be thrown on the **CONIPUR® 67 (N)** and the final coating must be made with **MASTERTOP® 467 C**. For detailed information please consult **BASF Yapı Kimyasalları San. A.S. Technical Services**.



# MASTERTOP® 1324

## CONIFLOOR® U (2,0-3,0 mm)

- In cold conditions the substrate and the material temperatures should be preconditioned to +20 - +25°C by artificial means in order to increase the workability of the product.
- Epoxy and polyurethane based floor coatings should be applied by specialists.
- Reaction and workability times of resin based systems depend on the ambient and substrate temperatures as well as relative humidity. Under lower temperatures, the chemical reaction times are longer and this increases pot life, coating interval and working time. In addition to this, the consumption is increased as the viscosity gets higher. High temperatures ignite stronger chemical reactions and above mentioned time decreases accordingly. For the material to be cured properly, the ambient and substrate temperatures should not fall below specified limits. After application, the material should be protected from direct contact with water for minimum 24 hours. Within this period, contact with water can cause a surface carbonation and/or tackiness both of which will cause the coating lose its characteristics. In such cases, the overall coating should be removed from the floor and renewed.
- Empty packs should be consolidated and disposed of properly in order to prevent reusing of the packages.
- For detailed information about how to use the products, refer to the Technical Product Information Brochures.

### Attention

The system solutions given above, consumptions and products are given so as to form a basis for calculations considering ideal weather, environment and floor conditions and average employer needs. Changes in the environment and floor conditions and in the needs of the employer can make the consumptions and system solution change. Consequently, the area must be seen by the expert staff of **BASF Yapı**

**Kimyasalları San. A.S.** and/or Expert Implementing Dealers before the system solution and the system solution must be established after the needs of the employer are determined.

### Disclaimer

The technical information and application advice given in this BASF Yapı Kimyasalları San. A.S. publication are based on the present state of our best scientific and practical knowledge. BASF Yapı Kimyasalları San. A.S. is not responsible for results that may occur because the product is used other than advised and/or out of instructions regarding place and method of use. This technical form is valid only till the new one is implemented and nullifies the old ones. 01/2008

