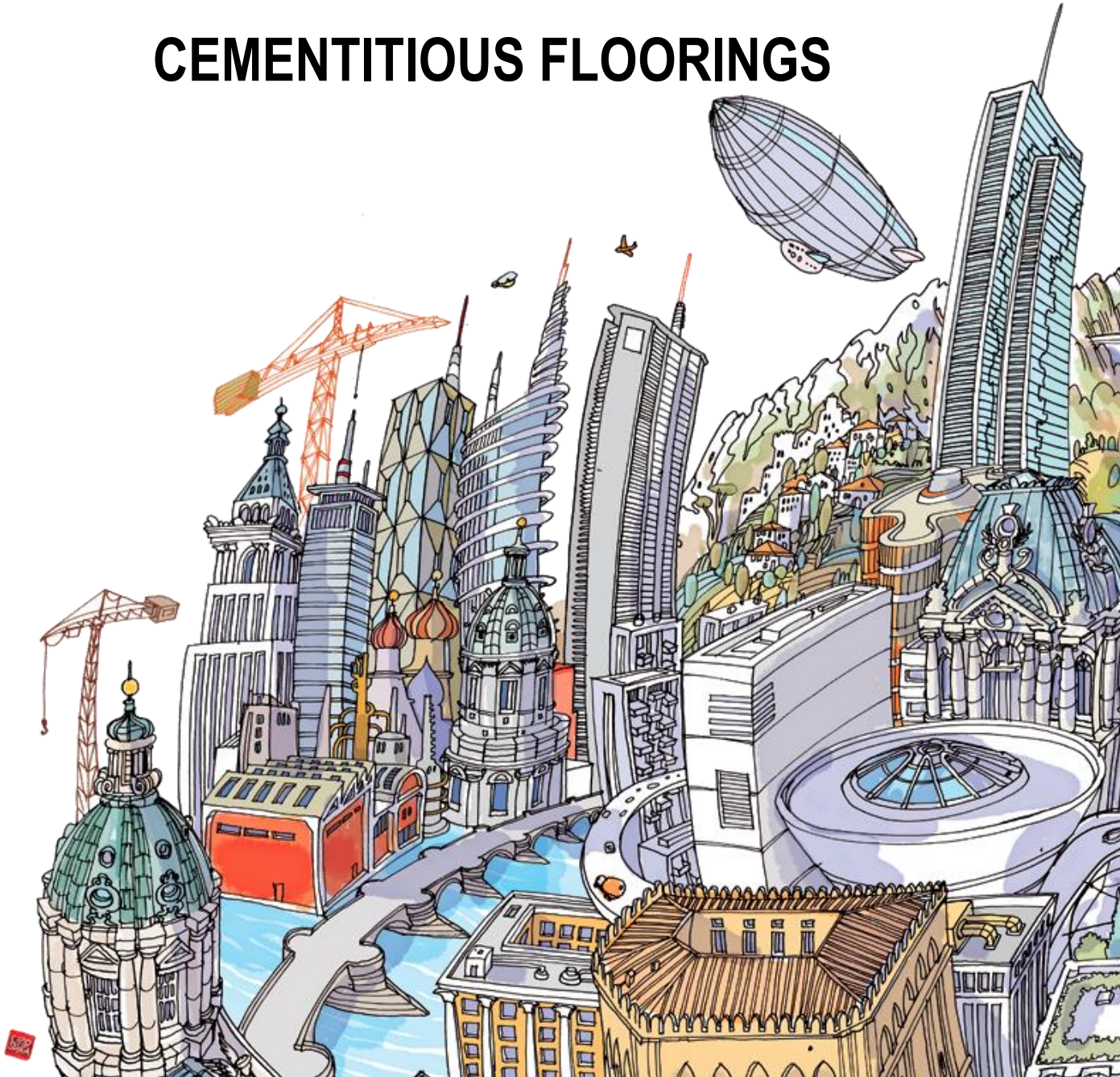


METHOD STATEMENT

MAINTENANCE OF RESIN & CEMENTITIOUS FLOORINGS



The information contained herein and any other advice are given in good faith based on Mapei's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Mapei's recommendations. The information only applies to the applications and products expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Mapei's Technical Assistance prior to using the products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. Users must always refer to the most recent local Technical Data Sheet for the product concerned.

Table of contents

1. DAILY CLEANING OPERATIONS 3

2. SPECIAL MAINTENANCE OPERATIONS..... 3

3. SUGGESTIONS 4

Your New Floor Surface is designed to be extremely durable, abrasion resistant, and attractive. Floor surfaces are exposed to the greatest degree of wear of any building surface. A degree of preventative maintenance is required to protect your investment in the new floor surface. A sound program that includes proper daily use, routine cleaning and conscientious personnel awareness will result in extended service life of the new floor.

1. DAILY CLEANING OPERATIONS

Powders and debris can be a very abrasive material when left on the floor surface. Constant wheel traffic in combination with the dirt and debris can act like sandpaper in dulling, scratching, or gouging the floor-coating surface. The following care is recommended to minimize the effects of dirt and debris. Each day, remove all dust, powders and debris with brooms, dust mops or power sweeper dust.

For daily washing operation it's advisable the use of a concentrated water soluble neutral detergent, composed by low foam formation mix of surfactants, for all washable surfaces, for greasy dirt on heavy traffic exposed surfaces.

We advise the use of the specific neutral detergents MAPEFLOOR CLEANER ED.

Acid or alkali detergents could be used only for specific contaminants, but they must be specific and diluted.

The surfactants must be at least 90% biodegradable.

The detergents must be used with specific floor washing machines, using cleaning felt, e.g. the white one from 3M Scotch Brite, or the green one for the dirt that is very hard to remove.



DO NOT use chemicals as acetone, acetic acid, hydrochloric acid, or further acids as fluoridric, formic, phosphoric, nitric, sulphuric, or alcohol, ammonia, benzene, dimetilformamide, etilbenzene, methanol, xilene, etc. Those substances can make the surface matt, or can cause discolouration or colour variation of the resin coating.

The best way to use a detergent solution is to pour it on the floor surface and let it stand it for at least 5 minutes, then use the floor washing machine, felts, etc. If the detergent solution is made to act on the floor surface for at least 5 minutes, the result will be much better and the cleaning operation much easier.

Matt surfaces are in general harder to clean than gloss surfaces. In those cases the cleaning and washing operations may require more attention and time.

2. SPECIAL MAINTENANCE OPERATIONS

Occasionally it will be advisable to make a special washing operation using particular felt containing diamond micro-granules (e.g. Twister from HTC – Sweden). Those felts are available in different types, suitable to remove resistant dirt (e.g. black tires spot), or to polish the old resin floor surface.

Those felts can reduce the use and the yearly cost of detergents and cleaning operations. This operation can be done 3-6 times per year, depending by the kind of use of the floor, the kind of dirt, logistic problems, etc.



The softest pads are used for daily operation, to remove non-resistant dirt spots. The hardest felts are used to polish old resin coatings became matt or to remove resistant dirt.

3. SUGGESTIONS

Remove all spillage and contaminants from the resin surface as soon as possible.

Make periodic floor inspection to find and check the coatings conditions. The waiting time between each inspection depends by the kind of use of the floor. we suggest at least once per year.

Clean and wash at least daily the surfaces in contact with greases, blood, food stuff, or any other stuff that can improve bacteria growth. The use of some specific sanitizing is advisable. Make some preliminary test on a small area..

Do not use strong abrasive to clean the surface.

Do not use concentrated acid or alkali. Acid contaminants can be removed with diluted alkali detergents, and so vice versa; anyway do some preliminary test and use the detergents as indicated by the supplier.

Do not use solvent to clean the surface.

The use of specific waxes (e.g. MAPELUX OPACA or MAPELUX LUCIDA) can help cleaning operations.

Repair as soon as possible all scratches, cracks, local damages, holes, etc.

Rough surface, e.g. in broadcast systems, can be washed using floor washing machines installing specific brush discs. Do not use metallic brush disc, only synthetic wires.

Matt surfaces are in general harder to clean than gloss surfaces. In those cases the cleaning and washing operations may require more attention and time.

For specific contaminants, that requires specific detergents, make some preliminary test in a small area.