

# Technical Data Sheet



## Standard Set Flex EN 21 TA



**Polymer Modified up to 4 hours  
Pot Life, Non-slip BS EN 12004  
Type C2TE White**



Standard Set Flex is a specially formulated non-slip, flexible, standard setting, Cement based adhesive. It is suitable for beds of 3-12mm, interior, floor and wall applications. Standard Set Flex is suitable for fixing most types of tiles including porcelain natural stone and large format tiles. It is suitable for use in more demanding areas including with large format wall tiles, on timber substrates and in swimming pools.

## Larsen Building Products (I) Pvt. Ltd.

Tiles & Stone Adhesive | Grouting | Screeds | Waterproofing | Admixture | Epoxy Flooring

Rajasthan Office : 208, Ganpati Tower, Amrapali Marg, Vaishali Nagar, Jaipur-302 021-Rajasthan  
Head Office : A-1, TST Mansion, Tsimshatsuei Kowloon Hong Kong  
E-mail : support@neolarsen.com, www.neolarsen.com • C. Care : +91-9982388929

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PRODUCT INFORMATION	
Form :	Powder
Standard Colour (s) :	White
Hazard Information :	Irritant - Consult Safety Datasheet before use
Cleaning :	Clean tools, equipments etc. using warm water. Mechanical means are necessary when the product has set.
Packaging:	20kg, sealed paper sacks
Storage Conditions :	Storer in sealed containers in dry conditions, protected from extremes of temperature
Shelf Life :	18 months in unopened manufacture's packaging
APPLICATION INFORMATION	
Mix Proportions :	Mix 20kg powder with approx 4.5L water
Pot Life :	Approx 3hours @20°C
Application Temperature:	.+5 °C to + 35°C
Bed Thickness:	3-6mm (up to 10mm in small isolated areas)
Time to Traffic:	Grout after 4 hours on walls/12hours on floor      Light Foot Traffic after 12 hours Full Traffic after 7 Days*      (depending on site conditions)*
Coverage :	Approx 1.3Kg/m <sup>2</sup> per mm of thickness (Approx)
PERFORMANCE INFORMATION	
Tensile Adhesion Strength :	≥3N/mm <sup>2</sup> (concrete/vitrified tiles) under all test conditions after 28 Days
Open and Adjustable Time	≥30min
Slip :	≤0.5mm
Classification :	EN12004 Type C2 TE

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## **DIRECTION FOR USE**

### **PREPARATION**

General –All substrates should be clean and thoroughly sound; they should be free from standing water, oils, grease, dust, loose particles or any other contaminants which may interfere with adhesion. Gypsum Based Screeds require mechanical preparation by buffing, vacuuming etc. The screed must be tested to ensure it is dry.

### **MIXING**

The Adhesive should be added to clean water (approx 4.5L water/20kg) adhesive and mixed with a suitable forced action mixer or slow speed drill and paddle until a slump free mortar is produced. The mixed adhesive is usable for up to 5 hours depending on site temperature and conditions. Do not attempt to remix adhesive or add extra water after it has begun to stiffen as this will cause a loss in performance.

### **GROUTING**

Only grout when the tile adhesive has set. Typically this is within 18 hours for standard setting adhesive and within 3 hours for fast setting adhesives.

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## **APPLICATION**

The mixed adhesive should be applied to dry areas on walls using a suitable notched trowel and applied by solid bed on wet areas on walls, on all exterior tiling and on all floor tiling. In addition, when fitting large format tiles it is highly recommended to also fully skim the back of the tile with a thin layer of adhesive. Tiles should be placed with a firm twisting action before the adhesive has skinned over i.e. within the open time. Regularly check to ensure adequate contact between adhesive, tile and substrate. 'Dot and Dab' method of fixing is not suitable.

## **RESTRICTIONS**

'Do and Dab' method of fixing is not suitable. Tiles should not be fixed to wooden substrates externally or in wet areas. Excessive deflection/ movement resulting from incorrect preparation will result in cracking of tiles and/or debonding. Floating Timber and Laminate floors are not recommended substrate for direct fixing or rigid floor finishes. Pale coloured marble/porcelain can be translucent and dark coloured adhesive can sometimes show through. If in doubt we would always recommend tiling a small trial area using a white adhesive and back buttering the tiles to ensure a uniform adhesive coverage. Cement products will take longer to harden and set at lower temperature, and should not used 5Degree C. All tiling should be carried best practice.

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