



NATIONAL SWISS SANDTEX (TEXTURED COATING)
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL SWISS SANDTEX (TEXTURED COATING)

PRODUCT DESCRIPTION	National Swiss Sandtex is an acrylic copolymer based, medium textured emulsion paint, contains quartz aggregate and pigments. It is a flexible, tough, and weather resistant decorative texture coating for interior/exterior surfaces. It can hide and protect minor surface imperfections and hairline cracks on surfaces. The dry film has excellent alkali resistance and adhesion. It contains anti fungal and anti bacterial additives.
----------------------------	---

RECOMMENDED USES	National Swiss Sandtex is used as a medium textured decorative coating for interior/exterior surfaces like concrete, plaster, prefabs, gypsum board, asbestos, brickwork, masonry work etc. It is suitable for the application on wooden surfaces also. National Swiss Sandtex is recommended for buildings, prefab, boundary walls etc. application. For more protection and glossy finish it can be over coated with Nationalthane, National Acrylic Rock Topcoat or National Gloss Emulsion after full drying.
-------------------------	---

TECHNICAL DATA

COLOUR, DRY FILM	As per National Shade card
FINISH, DRY FILM	Medium texture / Matt
VOLUME SOLIDS (ASTM D2697)	65 ± 2%
SPECIFIC GRAVITY	1.71 ± 0.05
THEORETICAL SPREADING	4.3 – 1.3 M ² /LTR
RECOMMENDED DFT (DRY FILM)	150 – 500 Microns / Coat
RECOMMENDED WFT (WET FILM)	230 – 770 Microns / Coat
FLASH POINT	Water Base

DRYING TIME

Drying time @ 30 °C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	1 – 2 hours
DRY TO RECOAT	6 – 8 hours
FULL DRY	24 hours



ADVANTAGES

NATIONAL SWISS SANDTEX	Excellent alkali resistance and adhesion, flexible, tough and weather resistant coating, hides surface imperfections and hairline cracks, medium textured decorative finish.
-------------------------------	--

APPLICATION INSTRUCTION

SURFACE PREPARATION	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods.
----------------------------	---

APPLICATION DATA

APPLICATION METHOD	Roller, Brush, Scraper, Spray, Trowel etc.
CLEANING/THINNING	Water
THINNER (VOLUME)	5 – 10% depends on method of application
SPRAY REQUIREMENTS	Possible with suitable spray gun

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	National PVA Primer Sealer for Masonry	: 1 coat
	(OR)	
	National PVA Primer White for Masonry	: 1 coat
	(OR)	
	National Acrylic Primer (W.B.)	: 1 coat
	National Swiss Sandtex	: 2 coats
	National recommended suitable topcoat (if required)	: 2 coats
	(OR)	
	National Tex Primer	: 1 coat
	National Swiss Sandtex	: 2 coats
National recommended suitable topcoat (if required)	: 2 coats	



NATIONAL SWISS SANDTEX (TEXTURED COATING)
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL/INTERNATIONAL TEST CERTIFICATES

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	GC – FID	Local Regulatory Requirements
2	Heavy Metals (Arsenic, Cadmium, Mercury, Lead, Hexavalent Chromium, Antimony, TBT, TPT)	ICP-AES IHP/GC-MS	Local Regulatory Requirements
3	Formaldehyde	USEPA 8260 / 3510	Local Regulatory Requirements
4	Reduction in Water Absorption	ASTM C 642 : 97	
5	Crack Bridging Ability	ASTM C 863 : 1995	
6	Alkali Resistance	ASTM D 543 : 95	
7	Practical Washability	ASTM D 4828 : 1991	
8	UV Resistance (240 hours)	ASTM G 53 : 88	

ADDITIONAL DATA

SHELF LIFE @ 30°C	18 months, in original sealed container, with proper storage conditions.
--------------------------	--

HEALTH & SAFETY

SAFETY PRECAUTIONS	Generally, most of the water base paints are quite safe to handle with due precautions. As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area. Local safety regulations to be followed.
---------------------------	--

STORAGE & HANDLING

STORAGE	Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not keep paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.
----------------	---

NOTE: We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.
Issued: 0718