NATIONAL FLOORING PRODUCTS

BUILDERS CHOICE VINYL

COLLECTION SPEC SHEET

COLOR#'S	TYPE	SF/BOX	WEAR LAYER	THICK	WIDTH	LENGTH	LENGTH TYPE	BOX/PLT	BOX WGT	SF/PLT#	PALLET WGT
#1420 WG-RIG - #1433 WG-SPC	RIGID CORE	28.84	12MIL	4.5MM	7"	4'	FL	50	44.44 LBS	1442 SF	2222 lbs.

APPROVED INSTALLATION

✗ NAIL ✗ GLUE ONLY ✓ FLOAT ✓ CLICK ✓ BELOW GRADE ✓ RADIANT HEAT

COMPOSITION

TOP LAYER

TYPE	Wearlayer
THICKNESS	12mil
TEXTURE	Wood Grain
GLOSS LEVELS	5% - 7%

CORE

TYPE	Rigid Core (Virgin)
THICKNESS	3.2mm
COLOR	Grey
DENSITY	2000+50

BALANCED LAYER

TYPE	N/A
THICKNESS	N/A

BACKING

TYPE	EVA
THICKNESS	1.0mm

EDGE PROFILE

BEVEL	Micro Bevel
JOINT SYSTEM	Valinge 2G

INSTALLATION

PATTERN REPEAT	5+
INSTALL PATTERN	N/A
USES	Residential - Commercial

ADVANCED TECHNICAL

IMPACT SOUND REDUCTION	IIC Rating 71dB	SWELLING	<2%
SOUND TRANSMISSION REDUCTION	STC Rating 71dB	HUMIDITY CHANGE	ASTM 2170 max. 90%
MAINTENANCE	Bona Hard-Surface Floor Cleaner	REACTION TO FIRE	EN 14041 / Class Bfl -S1
FORMALDEHYDE EMISSION	CARB Phase 2 Compliant	SLIP RESISTANCE	EN14041 / Class DS
VOC	A+ Rated	STAIN RESISTANCE	EN 13329/ Class 34
ORTHO-PHTHALATES	Ortho-Phthalate Free, Prop 65	WEAR RESISTANCE	>1500 cycles

GENERAL SUBSTRATE REQUIREMENTS

Structurally sound, well bounded, flat to within 3/16" in 10' radius or 1/8" in 6' radius, vertical deflection cannot exceed 1/4" in 10' radius, or more than 1/16" between the floor joists. Floated option is approved for BELOW, ON, or ABOVE GRADE substrates. Glued own option is only approved for ON or ABOVE GRADE substrates.

APPROVED SUBSTRATES

(Floated or glued down options) Subfloors over joist systems: Must be TECO or APA subfloor grade CDX plywood/OSB. The joist span cannot exceed 16" on center when using 5/8" CDX plywood or 3/4" 40lb OSB, or 19.2" on center when using 3/4 plywood or 3/4" 40lb OSB, or 24" on center when using 7/8" plywood or 1" 40lb OSB. **(Floated or glued down options)** Additional approved substrates: Cured concrete over 3000 PSI, cured gypcrete over 2500 PSI, cement backer board, cementitious & anhydrite screeds, radiant heated subfloors that do not exceed 85°F surface temperature, & gypsum or lightweight concrete (primed with TuffGrip LSP Primer).
(See TG-14B for additional approved substrates.)

EXPANSION REQUIREMENTS

¼" expansion gap around all exterior walls and permanent fixtures.

WOOD SUBFLOOR (EMC) MOISTURE CONTENT REQUIREMENTS

The subfloor must not exceed 12% MC (moisture content). Wood subfloors must be suspended a minimum of 18" from the ground with adequate ventilation. The ground surface of the crawl space must be covered with a minimum 6 mil plastic (puncture resistant) vapor barrier.

CONCRETE/GYPCRETE MOISTURE EMISSIONS, RH, & PH REQUIREMENTS

(For BELOW, ON, or ABOVE GRADE) If floated -Properly install a minimum of 6 mil plastic over the entire concrete or gypcrete substrate. Overlap all seams 12" & tape all seams with moisture proof tape. (Please see below for approved options.) **(For ON or ABOVE GRADE)** Glue down- Perform a calcium chloride test. It must not exceed 3 pounds per 1,000 square feet per 24 hours. When tested in accordance with test method ASTM F 1869, it must have a pH test between 5 to 9. If the substrate test are above or below these requirements, you must use a moisture mitigation or sealant system to prevent moisture related issues.

JOBSITE CONDITION RANGES

The Jobsite RH must be maintained between 30%-60%, & the room temperature between 55°-85°F prior to, during, & after installation.

ACCLIMATION TIMEFRAME

Minimum 48 hours to reach room temperatures between 55°F-85°F.

CAN WE INSTALL A CUSHION UNDERNEATH THE FLOOR?

This product has an attached 1mm thick high-density EVA underlayment. Any additional cushion is not approved.

RECOMMENDED GLUE

Not Approved

COMPLIANCE:
This series has been tested and contains the following certifications:

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COLLECTION IMAGES


#1420 WG-DRY


#1426 WG-DRY


#1421 WG-DRY


#1428 WG-DRY


#1422 WG-DRY


#1430 WG-DRY


#1423 WG-DRY


#1431 WG-DRY


#1424 WG-DRY


#1432 WG-DRY


#1425 WG-DRY

SCAN ME

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Want to see these products in your space?

Scan the QR code to see our products in action. Our website also now features "Virtual Samples"!

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