



Training Objectives

Objectives

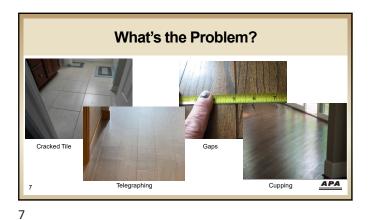
- Understand APA products and how they relate to the installation of various finish flooring systems
- Understand building tolerances for the different finish flooring systems
- Learn how moisture affects different finish flooring systems
- Understand the importance of conditioning materials when installing various finish flooring systems

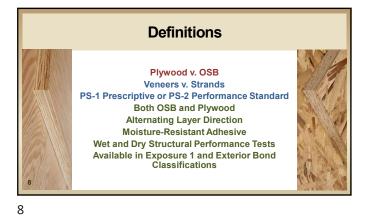
APA

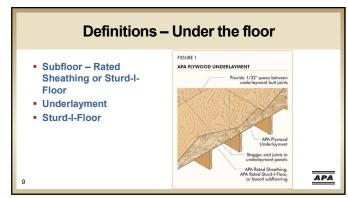
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Definitions – Flooring Types





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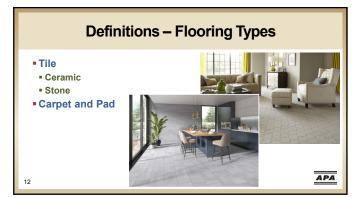
Definitions – Flooring Types

Vinyl Flooring

Standard, Sheet or Solid Vinyl Tile
 Luxury Vinyl Plank (LVP)

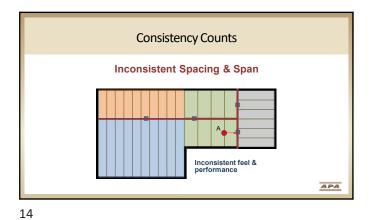
Luxury Vinyl Tile (LVT)



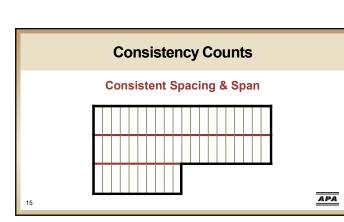


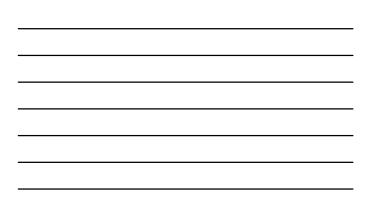








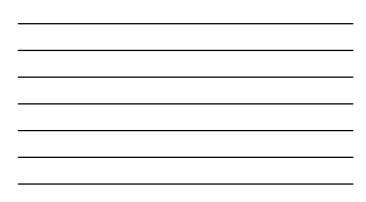


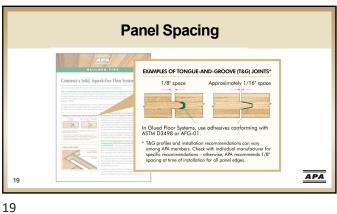


PA Performan			
ubfloors under	TABLE 1		
elar (200) elar 201	SUBFLOORS AND SPACING OF FLOO	R FRAMING FOR HARDWOOD FLOORING Wood Structural Panels, Suc	
A Workermanner Sonndande huner smech ersonel Docard 20200 und 2 formanner Gamiliert PEP JUNIN 1	Floor Framing Spacing (in.)	Minimum Performance Category	Minimum Span Rating
Ye Wasi Anal Instrumenti Induzed in Narik America Inne, ut well at other their	16	19/32	40/20 or 20 oc
ShAD Read Sont hethroad Entring 8 Rand Unreling	19.2	23/32	48/24 or 24 oc
addeer applement	24(b)	7/8	60/32 or 32 oc
	Rated Sheathing or 24 oc Rated Sturd-I-Floo	ray be used. Jaion (NWFA) recommends a 2-layer subfloor consist r plus 15/32 Performance Category 32/16 wood struc	ng of 23/32 Performance Category 48/24 tural panel offset half ponel in each direct

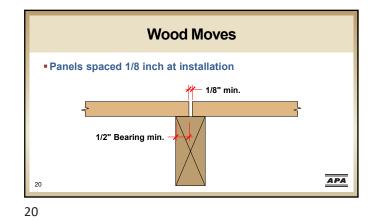








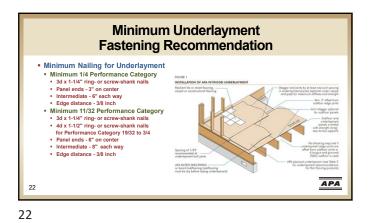




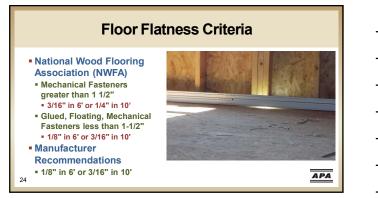




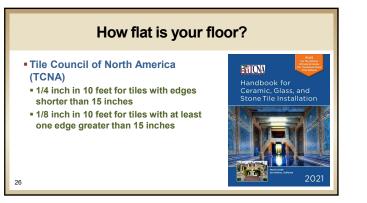




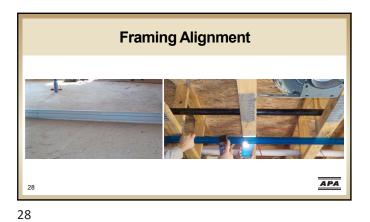




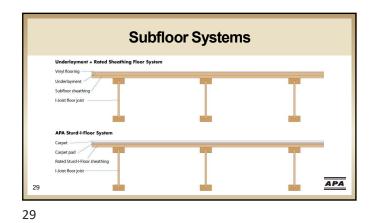










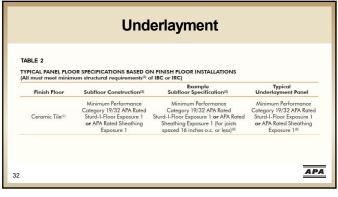




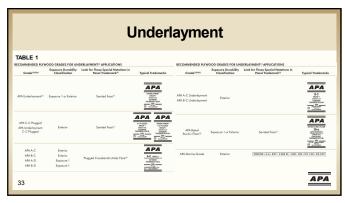
	Und	erlayment		
	PR SPECIFICATIONS BASED O	N FINISH FLOOR INSTALLATIONS of IBC or IRC)		
Finish Floor	Subfloor Construction ⁽²⁾	Example Subfloor Specification ⁽²⁾	Typical Underlayment Pane	
	Single Layer Construction			
	APA Rated Sturd-I-Floor ⁽³⁾ with T&G edges	APA Sturd-I-Floor 24 oc Exposure 1 T&G (for joists spaced 24 inches o.c. or less)	NA	
Carpet and Pad		Double Layer Construction		
	APA Rated Sturd-I-Floor or APA Rated Sheathing	APA Rated Sheathing 48/24 Exposure 1 (for joists spaced 24 inches o.c. or less)	Any Table 1 panel	



	Unit	lerlayment	
	R SPECIFICATIONS BASED C m structural requirements ⁽¹⁾	ON FINISH FLOOR INSTALLATIONS of IBC or IRC)	
Finish Floor	Subfloor Construction ⁽²⁾	Example Subfloor Specification ⁽²⁾	Typical Underlayment Panel
Hardwood Flooring	APA Rated Sturd-I-Floor or APA Rated Sheathing	APA Rated Sturd-I-Floor 24 oc Exposure 1 T&G or APA Rated Sheathing 48/24 Exposure 1 (for joists spaced 19.2 inches o.c. or less) ⁽⁴⁾	(Optional)
		APA Rated Sturd-I-Floor 24 oc Exposure 1 T&G or APA Rated	Any Table 1 panel@







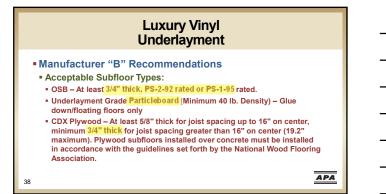


	• • • • •	erlayment?		
TABLE 3				
APA UNDERLAYMENT	FASTENING RECOMMEND	ATIONS		
	Minimum Performance Category	-	Maximum Fastener Spacing (in.)	
Application			Panel Edges ⁽³⁾	Intermediate
Over smooth subfloor	1/4	3d x 1-1/4-in. ring- or screw-	3	6 each way
Over lumber subfloor or uneven surfaces	11/32	shank nails min. 12-1/2 gage (0.099 in.) shank dia. ⁽⁴⁾	6	8 each way
(1) See APA Engineered Wood	Construction Guide, Form E30, f	or nail dimensions.		
(2) Fasteners for 5-ply plywor center at edges and 12 in	od underlayment panels and for p ches each way intermediate.	anels with a Performance Category g	greater than 1/2 may be	e spaced <mark>6 inches on</mark>
(3) Fasten panels 3/8" from p	anel edges.			
(4) Use 4d x 1-1/2" ring- or s Category of 19/32 to 3/4.	crew-shank nails, minimum 12-1/:	2 gage (0.099") shank diameter, for u	underlayment panels w	ith a Performance



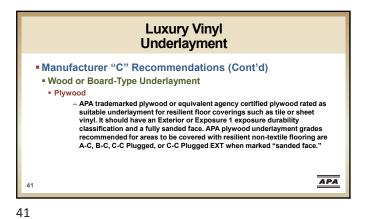


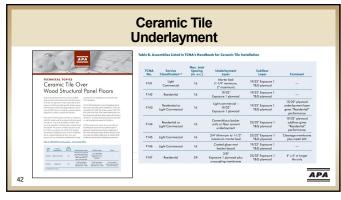








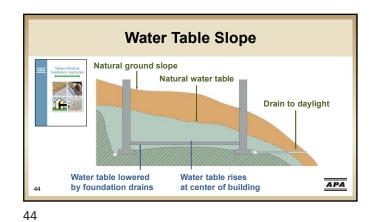




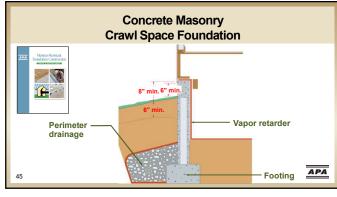


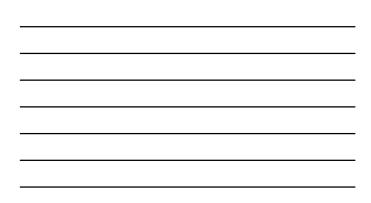


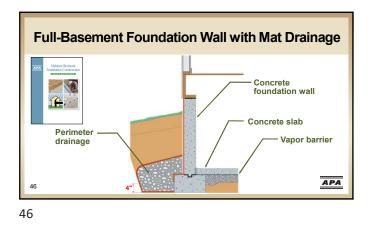




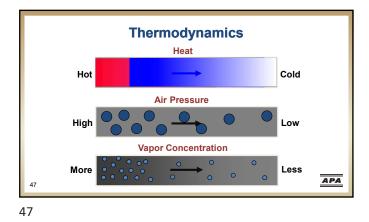




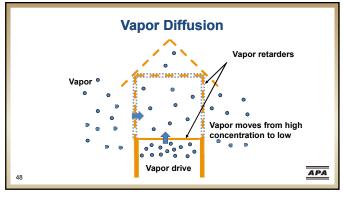




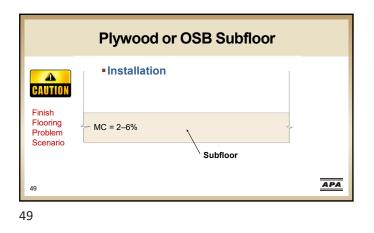




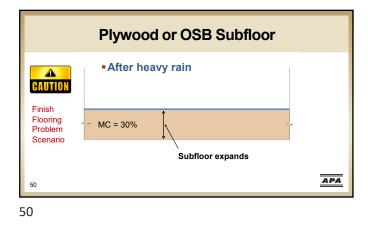




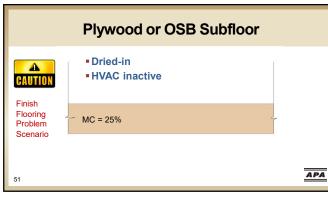




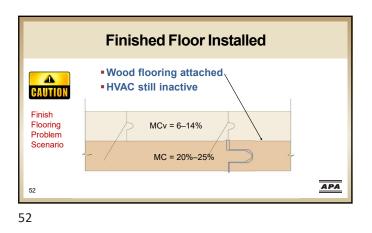




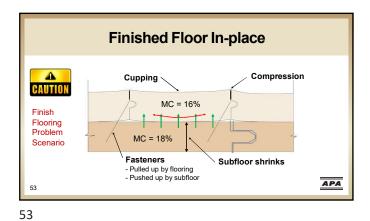




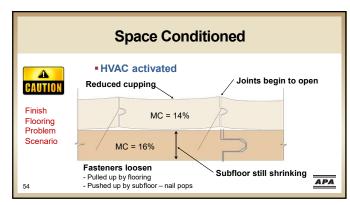




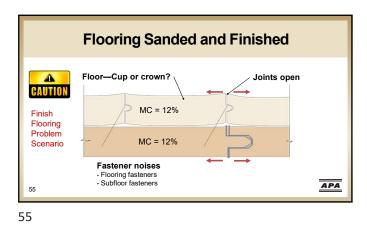










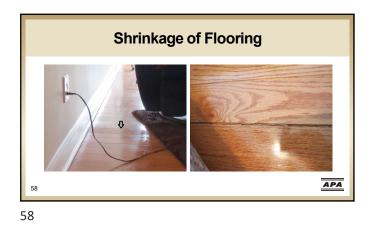




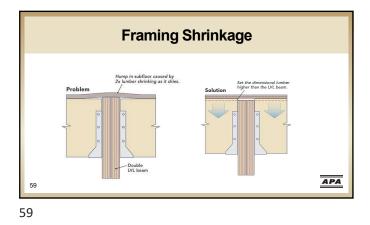






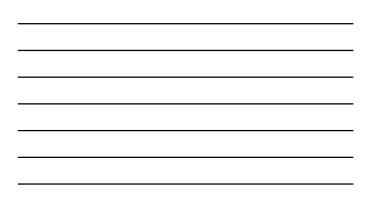


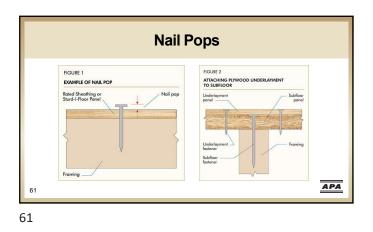










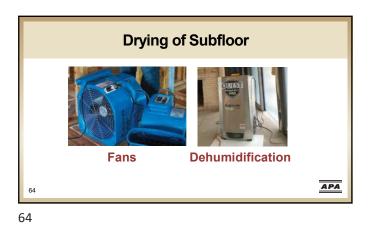


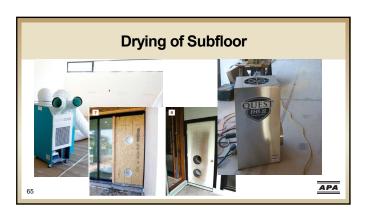


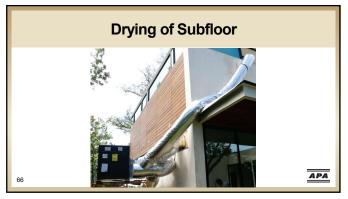
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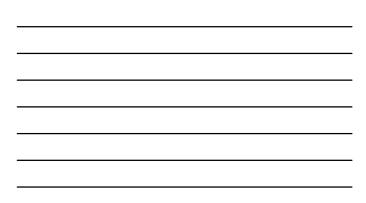






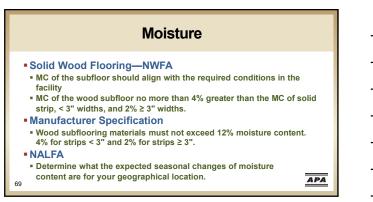


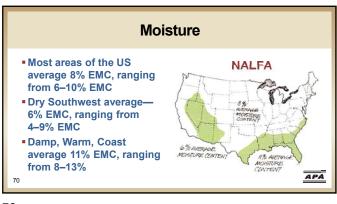






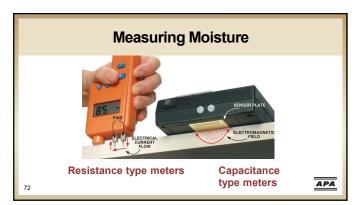














Final Steps	
 Structure is fully enclosed HVAC systems are operational Upon delivery of flooring Initial flooring moisture readings Initial subfloor moisture readings Ensure moisture contents meet recommendations prior to installation 	
73	APA



















