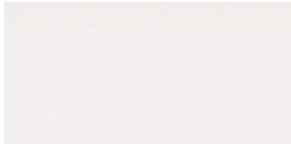
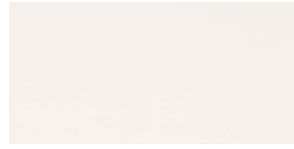


# Shades 2.0

12x24 Porcelain



03SHD411224PTN (ptn)  
03SHD411224SPO (spo)  
03SHD411224UPS (ups)



03SHD421224PTN (ptn)  
03SHD421224SPO (spo)  
03SHD421224UPS (ups)



03SHD491224PTN (ptn)  
03SHD491224SPO (spo)  
03SHD491224UPS (ups)



03SHD541224PTN (ptn)  
03SHD541224SPO (spo)  
03SHD541224UPS (ups)



03SHD441224PTN (ptn)  
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03SHD441224UPS (ups)



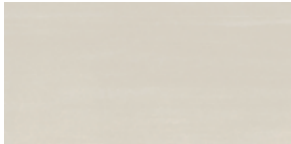
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03SHD461224UPS (ups)



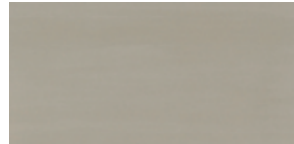
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03SHD481224SPO (spo)  
03SHD481224UPS (ups)



03SHD313M



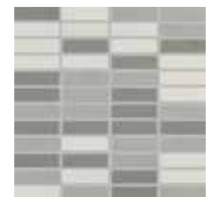
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03SHD431224UPS (ups)



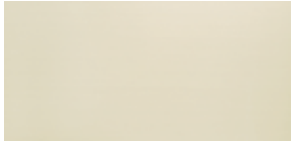
03SHD451224PTN (ptn)  
03SHD451224SPO (spo)  
03SHD451224UPS (ups)



03SHD471224PTN (ptn)  
03SHD471224SPO (spo)  
03SHD471224UPS (ups)



03SHD213M



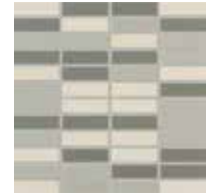
03SHD511224PTN (ptn)  
03SHD511224SPO (spo)  
03SHD511224UPS (ups)



03SHD521224PTN (ptn)  
03SHD521224SPO (spo)  
03SHD521224UPS (ups)



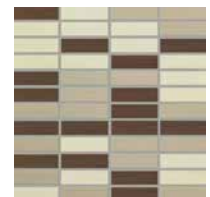
03SHD531224PTN (ptn)  
03SHD531224SPO (spo)  
03SHD531224UPS (ups)



03SHD113M



2x2 Mosaic



03SHD413M



Tile: 6x24 - 12x12 Triangle - 12x24  
24x24 - 24x48

Mosaics: 1x3 Blended - 2x2

Trim: 4x24 Bullnose - 6x12 Cove Base

For more information  
and images:



### Technical Characteristics

Test Item	Test Method	Test Result
Breaking Strength	ASTM C648	<b>500 lbf</b>
Bond Strength	ASTM C482	<b>&gt; 200 psi</b>
Chemical Resistance	ASTM C650	<b>Unaffected</b>
Frost Resistance	ASTM C1026	<b>Resistant</b>
Water Absorption	ASTM C373	<b>&lt; 0.30%</b>
Scratch Hardness	Mohs Scale	<b>7</b>
DCOF	AcuTest	<b>0.42-0.52 (Pattern or Semi-polished); 0.50-0.60 (Unpolished)</b>

Nominal Size	Actual Size	Thickness	Finish	Rectified
6" x 24"	5.79" x 23.5"	9.5 mm	Semi-polished or Unpolished	Yes
12" x 12" Triangle	11.69" x 11.69"	9.5 mm	Unpolished	Yes
12" x 24"	11.69" x 23.5"	9.5 mm	Pattern or Semi-polished or Unpolished	Yes
24" x 24"	23.5" x 23.5"	9.5 mm	Semi-polished or Unpolished	Yes
24" x 48"	23.5" x 47.13"	10.5 mm	Semi-polished or Unpolished	Yes
1" x 3" Blended Mosaic	11.69" x 11.69"	9.5 mm	Semi-polished	-
2" x 2" Mosaic	11.73" x 11.73"	9.5 mm	Unpolished	-
4" x 24" Bullnose	3.78" x 23.5"	9.5 mm	Semi-polished or Unpolished	-
6" x 12" Cove Base	5.91" x 11.69"	9.5 mm	Unpolished	-

Installation Note: The TCNA recommends rectangular shape tile be installed with maximum of 33% offset in order to resolve any possible lippage from one tile to the next.

