CALDERA 9.20

This document is complementary to the HP WallArt documentation. It describes the setup to print a HP WallArt job for Wallcovering in CALDERA RIP and special considerations for the HP PVC-Free Wallpaper media.

Easy step-by-step instructions

Step 1: CALDERA RIP set-up → optimize number of tiles per row

- 1. Open CALDERA application and select File / Printers Setup
- 2. Select the printer and click Configure...
- In Nest-O-Matik tab, make sure that "automatic rotation", "job reordening" and "create independent rows" are disabled. Also, set Space between nested jobs to 0 in case you don't want to have extra space between tiles.
- 4. Select the printer roll size. Depending on the roll size the configuration will allow one or more tiles per row. You can leave the roll size to "Free" and set the correct size later on in the **Print module**.

00	X	HP-Latex-3000			
Connection Files Ne	st-O-Matik Mis	c Pages			
		Parameters			
🗖 Enable automatic	: rotation	Loading :	Free	Ā	
🗖 Enable job reord	ering	Action	Print	7	
Create independ	ent rows	ricuon .		-	
✓ Centered print					
		Print conditions			
Covering percen	tage : 80	📩 🗔 No job red	ceived after (min) :	15 ±	
Minimal print len	gth : 20.00	 Maximal p	orint length : 40.0	0 1	
Print full rows se	parately				
manually flushed c	manually flushed only (roll) or job would overlap sheet boundaries (sheet)				
		Spacing		·	
Top page margin :	0.00	Bottom page ma	rgin : 0.00	+	
Left page margin :	0.00	Right page marg	in : 0.00	+	
Space between nes	ted jobs 0.0	0 1	F		
			🦲 inch 🤇) cm () mm	

Step 2: CALDERA RIP set-up → APPE Settings

1. Make sure you have the following settings in Special Menu / APPE configuration

APP	E O	ptions	↑ □ ×
Color Management Module	:	Caldera	V
Flattening Behavior for Preview	:	Global	V
Flattening Behavior for Printing	:	Standard	7
Honor PDF Blending spaces	:	Auto-select	Ā
Enable XObject caching	:	Auto-select	N
Strict PDF/X mode	:	Enabled	<u>V</u>
Print Annotations	:	None	<u>V</u>
Enable flattening optimization	n of	Images	
Ignore non-fatal errors			
		Reset to defaults	Close

Please, note that **Flattening Behavior for Preview** has been set to Global in order to speed up the preview task.

Step 3: CALDERA RIP set-up - Create a Workflow to print HP WallArt Wallcovering Files

- 1. In the Applications bar, click Special menu then Workflow Edition to open the **Workflow Editor**. You can also click the **WorkFlow** icon, in the Applications bar.
- 2. Click New and type a name for the workflow (for instance, PrintHPWallArt).
- 3. Drag and drop the Print module associated to your printer in the window of the Workflow.
- 4. Since the Print module has not been configured yet, its icon will appear as grayed.

X WorkFlow Editor
New Duplicate Rename Delete Batch File
Quit
r

- 5. Set up the printing parameters as usual (resolution, media, roll size, etc.). Please, note that depending on the roll size the configuration will allow one or more tiles per row.
- 5. Make sure the Action is set to "Nest", so the Tiles are nested when appropriate.

😑 🔿 🔿 🔣 HP-Latex-3000			
		Sample image	
Copies	:	1 🛔 to Nest-O-Matik	
pages	:	🗖 One page 🗹 All pages	
Resolution	:	300_dpi	Y
Loading	:	Roll54	Y
Media	:	HP PVC-free Wall Paper	Y
Mode	:	СМҮК	Y
Quality	:	10p 6c 110%	Y
Action	:	Nest	Y
Configurati	on		
Ready		Print Qu	iit

Step 4: CALDERA RIP set-up - Compensating paper expansion for HP PVC-Free Wallpaper

Being a fiber based media, the HP PVC-Free WallPaper Media has a small expansion when dipped in water (an average of 1% across the width, almost non along the roll direction). When printing on that media, make sure you set a workflow to compensate for this by sizing the width to 99%.

1. Click the Print module in the Workflow and setup the Page setup settings: Scale Width 99%. Ensure you Keep ratio is not selected to allow different W/H scaling.

00	> O X Page Setup				
E E	nches 0 10 20 30 40 50 Main Marks	S&R Cutting Co	olors		
~~	30 -	Pag	e 🛛 —		
1	Format	: Roll54			Y
		— Tem	plate 🔻 —		
2	Format :	Custom	<u>¥</u>	Auto	<u>v</u>
<u>ر</u>		Image size a	and position -		
<u>i</u>	Si Width :	13.89	Height :	19.84	*
Ð	Scale W :	99.00	Scale H :	100.00	•
T		1.56	Y :	0.00	-
Φ		Multi-	-page		
	Cone page	e	🖌 All pages		
			Invert orde	er	
		——— Mi	sc —		
	30 - Print Onl	ly if Scale is (%) :	100		<u>.</u>
	50 -				
Unit :	: Opixels Oinches Omm		Print	Reset	Close

NOTE: There is an alternative way to include the compensation typing the compensate factor on the **Media Parameters** tab instead.

0 0	🗙 Media
Main Settings	arameters
🗌 Horizontal d	ompensation (%) : 0.00 🔮 Compute
🗆 Vertical co	pensation (%) : 0.00 [⊕] Compute
	Advanced parameters 🔻
Update	Cancel OK

Step 5: CALDERA RIP set-up → Activate Workflow

1. Click the **Print** button to activate the module within the Workflow.

00	X HP-Latex-3000	
	Sample image	
Copies	: 1 📩 to Nest-O-Matik	
pages	: 🔲 One page 😽 All pages	
Resolution	: 300_dpi	1
Loading	: Roll54	1
Media	: HP PVC-free Wall Paper	1
Mode	: CMYK	1
Quality	: 10p 6c 110%	1
Action	: Nest	1
Configurati	ion1 🛛 🔤 💽 .	
	1 9 10 0	>
Ready	Print Quit	

2. Back in the Workflow Editor, quit, it will save automatically

- 1. Open the HP WallArt multipage PDF file: In the Applications bar, click File menu then Open.
- 2. Set the preview parameters to speed up the Preview process.

00	X Fileman
Location : /Images	↔
Name Size	
2/285_WA_WCUIWallArtInstructions.pdf 186.	
	Ð
	Proviou parameters (PS/PDE)
=	C Resolution 72 Size (Mb) 1
	All pages Page 1 ± to 6 ±
	File : 27286_WA_WC01WallArtInstructions.pdf
	Size : 186.63 Kb
	Date : Mon Nov 25 13:45:22 2013
	Format : PDF
-D C c c c c c c c c c c c c c c c c c c	Dimensions : 500.00 × 2378.60 mm
File : 27286_WA_WC01WallArtInstructions.pdf	Resolution : 256 × 1218, 13 dpi, 1.19 Mb
Type : Any Kind (*)	
Tab : Current I WorkFlow : None I	Preflight Errors Setup Open Quit

- 3. To execute your Workflow, go to the Images bar, select the PDF image, and right-click it.
- 4. Select the just created Worflow and send the files to the created workflow. The RIP will start to process the images as specified in previous steps (scaled and nested)

Resources

Additional help and or technical support can be found on the CALDERA website.

Disclaimer

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