

## 命令模式

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PERM [(tanklist)] permeability [Flood] [/QUIet] [/Volume:unit]

Overrides the permeability factor for selected tanks.

设定指定舱室的渗透率。

译者注释：这个命令设置的渗透率包含舱室在完整状态下装载时考虑的结构系数。

PERM [(tanklist)] RESTORE [/QUIet]

Restores the original permeability factor for selected tanks.

恢复指定舱室的渗透率到初始值。

PERM [(tanklist)] [REPort] [/Volume:unit]

Produces a report of permeability factors for selected tanks.

生成报告显示指定舱室的渗透率。

## 参数说明

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tanklist

The names of tanks or groups which are to have their permeabilities changed or displayed.

所要显示或改变渗透率的舱室。

permeability

Permeability factor (normally from 0.0001 to 1.0000, but up to 9.9999 is permitted).

渗透率（通常为 0.0001 到 1.0000，最大允许为 9.9999）

FLOOD

Stores a separate override permeability that is applied only when selected tanks have FLOOD type. As a side effect of setting the flooded permeability, the nonflooded permeability is restored to the value stored in the geometry file. Therefore, if overrides are to be set for both conditions, the flooded permeability must be set first.

存储单独的指定渗透率，仅当所选舱室具有 FLOOD 类型时才应用该渗透率。作为设置淹没渗透率的副作用，非淹没渗透率将恢复为存储在几何文件中的值。因此，如果要为这两种条件设置覆盖，则必须首先设置淹没渗透率。

/QUIET

Suppresses reporting of permeability changes.

不报告渗透率的变化。

/VOLUME: unit

Specifies which 2-letter volume unit is to be presented, chosen from the following:

选择体积单位，有 2 位字母表示。可选择的单位如下：

GA – gallons; 美加仑

IM – imperial gallons (synonyms: IG, GI); 英制加仑（或者 IG, GI）

CY – cubic yards (synonyms: YD); 立方码（或者 YD）

CF – cubic feet (default for English units); 立方英尺（默认的英制单位）

CM – cubic meters (default for metric units); 立方米（默认的公制单位）

LI – Littles. 升

BB – 42-gallonbarrels.

## RESTORE

Restores the original permeabilities from the geometry file for selected tanks, removing any FLOOD permeability mechanism.

恢复所选舱室的渗透率为模型的初始值，并删除任何侵水类型时的渗透率设定。

## REPORT

Reports permeability factors. (This parameter is optional and has no effect.)

报告渗透率系数。（这个参数是可选的，且不会产生任何影响）

## Operation

### 操作

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This command can be used to override the permeability factors carried in the geometry model. The given permeability replaces all of the permeability factors in the components of all of the referenced tanks. If FLOOD is included, then the override is only effective when the tanks are flooded. RESTORE parameter brings back the original permeabilities from the geometry file.

这个命令为所选舱室设定的渗透率并覆盖模型中的渗透率值。设定的渗透率会取代舱室子模型下所有框部件的渗透率。如果附加参数 FLOOD，表示只有舱室在侵水类型下命令设定的渗透率才生效。参数 RESTORE 可以恢复所选舱室的渗透率为模型的初始值。

Since permeability is an attribute of components, a given tank may involve more than one permeability. This command sets all of the permeabilities to the same value. Therefore, after overriding the original permeability factors it is not always possible to reset the original permeabilities without rereading the geometry file or doing PERM RESTORE.

渗透率是舱室的属性，一个舱室可能有几个渗透率，这个命令使所有渗透率都采用当前设定的值。因此设定完渗透率后，只有重新读入模型或运行命令 PERM RESTORE，才可以恢复到模型中初始定义的渗透率。

## Display Output

### 显示输出

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A table is produced where all of the referenced tanks are named together with their descriptions, average permeabilities and capacities. Permeabilities that differ from their original geometry file values are marked with an asterisk. A warning message appears in the output file if any permeability value exceeds 1.

会生成表格包含所选舱室的名称，描述，渗透率和舱容。渗透率和初始模型中定义的渗透率不同的舱室会用星号\*标记出来。如果在输出文件中含有渗透率大于 1 的舱室，那么会出现警告信息。

### Nondisplay Output:

#### 无显示输出

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none.

无

### Examples

#### 样例

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Setting the permeability factor of a certain tank:

设定指定舱室的渗透率：

```
PERM (WING1.S) = 0.85
```

Overriding flooding permeability for selected tanks:

设定指定舱室的侵水渗透率为 0.9：

```
TANK HOLD*
```

```
PERM 0.9 FLOOD
```

Restoring original permeabilities for the current tank selection without reporting:

恢复当前舱室的渗透率为初始值，不输出报告：

```
PERM RESTORE /QUIET
```

Displaying the permeabilities of all tanks:

显示所有舱室的渗透率：

```
PERM (*)
```